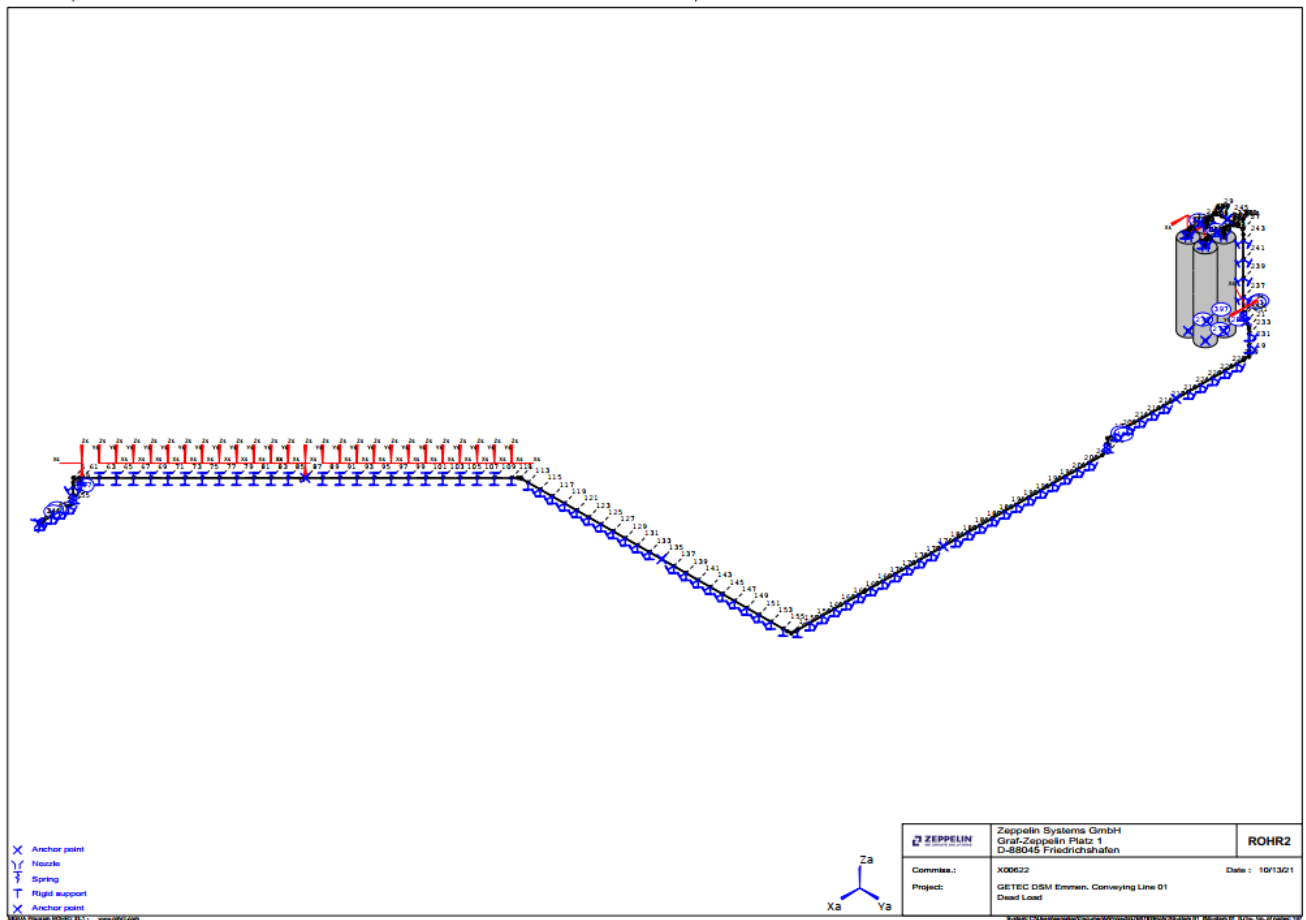


## Calculation report

Client:	DSM Emmen
Plant:	GETEC DSM
Job:	X00622
System:	System 01



0	First issue	14.10.2021		PS		
Rev	STATUS	Date	WRITTEN BY	Sign.	CHECKED BY	Sign.

## Calculation program

The pipe stresses have been calculated using the program ROHR2, rev. 33.1.

A detailed description of both, the theoretical aspects and its practical application is given in the ROHR2-manual.

The program provides solutions for static and dynamic analysis of 3-D pipe systems and general framework structures.

## Specifications

The calculation and the stress analysis was carried out according to **EN 13480-3**.

## System description

This calculation includes the following lines / drawings:

Conveying Line 01_01	Conveying Line 01_02	Conveying Line 01_03
Conveying Line 01_04	Conveying Line 01_05	Conveying Line 01_06
Conveying Line 01_07	Conveying Line 01_08	Conveying Line 01_09
Conveying Line 01_10	Conveying Line 01_11	Conveying Line 01_12
AT-16	AT-17	AT-26
AT-27		

The following general parameters were considered:

- Density of medium: 700.0 kg/m<sup>3</sup>
- Assembly temperature: 15.0 °C

The density of medium is considered for the calculation of the line masses of the pipes. The thermal expansion is calculated due to the difference between assembly temperature and operation temperature.

## Pipe dimensions and design data:

Dimension	Da [mm]	s [mm]	Material	Insul. thickn. [mm]	Tin-plate [mm]	Calc. temp. [°C]	Calc. pressure [bar(g)]
DN100.0	114.30	2.60	X5CrNi1810	0.00		90.0	3.50
DN125.0	139.70	3.00	X5CrNi1810	0.00		90.0	3.50
DN200.0	219.10	3.00	X5CrNi1810	0.00		90.0	3.50
DN4200.0	4200.00	5.00	Aw_6060	0.00		90.0	0.50
DN300.0	323.90	5.00	X5CrNi1810	0.00		90.0	3.50
DN40.0	48.30	2.60	X5CrNi1810	0.00		90.0	3.50

## Line masses

The following table shows the line masses of the pipes consisting of pipe weight and insulation weight.

Dimension [mm]				Density [kg/m <sup>3</sup> ]				Line mass [kg/m]			
DA	S	Ins	Jack	Pipe	Ins	Jack	Med	Pipe	Ins	Med	Total
4200.00	5.00	0		2700			0	177.9	0.0	0.0	177.9
323.90	5.00	0		7920			0	39.7	0.0	0.0	39.7
219.10	3.00	0		7920			0	16.1	0.0	0.0	16.1
139.70	3.00	0		7920			0	10.2	0.0	0.0	10.2
114.30	2.60	0		7920			0	7.2	0.0	0.0	7.2
48.30	2.60	0		7920			0	3.0	0.0	0.0	3.0

Under consideration of the density of medium from load case Dead weight the following line masses are determined:

Dimension [mm]				Density [kg/m³]			Line mass [kg/m]				
DA	S	Ins	Jack	Pipe	Ins	Jack	Med	Pipe	Ins	Med	Total
4200.00	5.00	0		2700			0	177.9	0.0	0.0	177.9
323.90	5.00	0		7920			0	39.7	0.0	0.0	39.7
219.10	3.00	0		7920			700	16.1	0.0	25.0	41.1
219.10	3.00	0		7920			0	16.1	0.0	0.0	16.1
139.70	3.00	0		7920			700	10.2	0.0	9.8	20.0
139.70	3.00	0		7920			0	10.2	0.0	0.0	10.2
114.30	2.60	0		7920			700	7.2	0.0	6.5	13.8
114.30	2.60	0		7920			0	7.2	0.0	0.0	7.2
48.30	2.60	0		7920			700	3.0	0.0	1.0	4.0

## Components

The following components are considered by the calculation:

### Expansion joints:

Line	Pipeline	Node1	Node2	Type	Manufacturer	Lo [mm]
1	Conveying Line 01_12	399	403	10.13.02		300
5	Conveying Line 01_12	357	333	10.13.02		300
7	Conveying Line 01_11	353	285	10.13.02		300
10	Conveying Line 01_11	365	289	10.13.02		300

## Load cases

The following load cases were calculated:

Loadcase	Category	Type of Calculation	FSH
DeadLoad	Primary loads - Dead load	Theory 1. order	
DeadLoad -20	Primary loads - Dead load	Theory 1. order	
LC1	Secondary loads - Thermal expansion	Nonlinear boundary conditions 1. order	
LC2	Secondary loads - Thermal expansion	Nonlinear boundary conditions 1. order	
LC3	Secondary loads - Thermal expansion	Nonlinear boundary conditions 1. order	
LC4	Secondary loads - Thermal expansion	Nonlinear boundary conditions 1. order	
LC1.dyn	Occasional primary loads	Theory 1. order	
LC2.dyn	Occasional primary loads	Theory 1. order	
LC3.dyn	Occasional primary loads	Theory 1. order	
LC4.dyn	Occasional primary loads	Theory 1. order	
Wind	Occasional primary loads - Wind	Theory 1. order	

In this load cases the following general load settings were considered:

Loadcase	axial thermal expansion	axial expansion due to operation pressure	Upward bend due to operation pressure	Acceleration due to gravity	Friction	Forces due to internal pressure
DeadLoad				x		x
DeadLoad -20				x		x
LC1	x	x		x	x	x
LC2	x	x		x	x	x
LC3	x	x		x	x	x
LC4	x	x		x	x	x
LC1.dyn						
LC2.dyn						
LC3.dyn						
LC4.dyn						
Wind						

## Additional load inputs:

### Load case DeadLoad

Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12 Conveying Line 01_11 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_11

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
			Conveying Line 01_12
0.00	50.0	0.0	Conveying Line 01_01 Conveying Line 01_10 AT-27 AT-17 AT-26 Conveying Line 01_11 Conveying Line 01_12 AT-16 Conveying Line 01_08

### Load case DeadLoad -20

Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12 Conveying Line 01_11 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07 AT-27 AT-17 AT-26 AT-16

### Load case LC1

Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_11 AT-27 AT-26 Conveying Line 01_10 AT-16 Conveying Line 01_12
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12
0.00	50.0	0.0	Conveying Line 01_01

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
			Conveying Line 01_10 AT-17 Conveying Line 01_12 Conveying Line 01_08

## Load case LC2

Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_12 AT-17 AT-26 Conveying Line 01_11 AT-16
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_11 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_11
0.00	50.0	0.0	Conveying Line 01_01 Conveying Line 01_10 AT-27 Conveying Line 01_11 Conveying Line 01_08

## Load case LC3

Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_11 AT-27 AT-17 AT-26 Conveying Line 01_12 Conveying Line 01_10
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
			Conveying Line 01_10 Conveying Line 01_12
0.00	50.0	0.0	Conveying Line 01_01 Conveying Line 01_10 AT-16 Conveying Line 01_12 Conveying Line 01_08

## Load case LC4

Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_12 Conveying Line 01_11 AT-27 AT-17 AT-16
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_11 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_11
0.00	50.0	0.0	Conveying Line 01_01 Conveying Line 01_10 AT-26 Conveying Line 01_11 Conveying Line 01_08

## Load case LC1.dyn

Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_11 AT-27 AT-26 Conveying Line 01_10 AT-16 Conveying Line 01_12
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12 Conveying Line 01_02 Conveying Line 01_04

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
			Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12
0.00	50.0	0.0	Conveying Line 01_01 Conveying Line 01_10 AT-17 Conveying Line 01_12 Conveying Line 01_08

#### User defined point loads (forces, moments)

Line	Pipeline	Node	C S	QX [kN]	QY [kN]	QZ [kN]	MX [kNm]	MY [kNm]	MZ [kNm]	Description
3	Conveying Line 01_01	3	g	0.900						
3	Conveying Line 01_01	5	g			1.000				
3	Conveying Line 01_03	9	g	2.700						
3	Conveying Line 01_05	11	g		5.600					
3	Conveying Line 01_08	15	g	5.300						
3	Conveying Line 01_08	17	g	1.200						
3	Conveying Line 01_09	19	g	0.800						
3	Conveying Line 01_10	21	g			2.200				
3	Conveying Line 01_10	27	g	2.500						
3	Conveying Line 01_12	29	g	3.100						
4	Conveying Line 01_11	307	g	3.400						

#### Load case LC2.dyn

##### Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_12 AT-17 AT-26 Conveying Line 01_11 AT-16
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_11 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_11
0.00	50.0	0.0	Conveying Line 01_01 Conveying Line 01_10 AT-27 Conveying Line 01_11 Conveying Line 01_08

#### User defined point loads (forces, moments)



Line	Pipeline	Node	C S	QX [kN]	QY [kN]	QZ [kN]	MX [kNm]	MY [kNm]	MZ [kNm]	Descripti on
2	Conveying Line 01_12	327	g	3.400						
3	Conveying Line 01_01	3	g	0.900						
3	Conveying Line 01_01	5	g			1.000				
3	Conveying Line 01_03	9	g	2.700						
3	Conveying Line 01_05	11	g		5.700					
3	Conveying Line 01_08	15	g	5.400						
3	Conveying Line 01_08	17	g	1.200						
3	Conveying Line 01_09	19	g	0.800						
3	Conveying Line 01_10	21	g			2.200				
3	Conveying Line 01_10	27	g	2.600						
3	Conveying Line 01_12	29	g		-3.100					

### Load case LC3.dyn

#### Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_11 AT-27 AT-17 AT-26 Conveying Line 01_12 Conveying Line 01_10
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12
0.00	50.0	0.0	Conveying Line 01_01 Conveying Line 01_10 AT-16 Conveying Line 01_12 Conveying Line 01_08

#### User defined point loads (forces, moments)

Line	Pipeline	Node	C S	QX [kN]	QY [kN]	QZ [kN]	MX [kNm]	MY [kNm]	MZ [kNm]	Descripti on
3	Conveying Line 01_01	3	g	0.900						
3	Conveying Line 01_01	5	g			1.000				
3	Conveying Line 01_03	9	g	2.700						
3	Conveying Line 01_05	11	g		5.600					
3	Conveying Line 01_08	15	g	5.300						
3	Conveying Line 01_08	17	g	1.200						
3	Conveying Line 01_09	19	g	0.800						
3	Conveying Line 01_10	21	g			2.200				
3	Conveying Line 01_10	27	g	2.500						
3	Conveying Line 01_12	29	g	3.100						
4	Conveying Line 01_11	41	g	1.400						

## Load case LC4.dyn

### Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_12 Conveying Line 01_11 AT-27 AT-17 AT-16
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05 Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_11 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_11
0.00	50.0	0.0	Conveying Line 01_01 Conveying Line 01_10 AT-26 Conveying Line 01_11 Conveying Line 01_08

### User defined point loads (forces, moments)

Line	Pipeline	Node	C S	QX [kN]	QY [kN]	QZ [kN]	MX [kNm]	MY [kNm]	MZ [kNm]	Description
2	Conveying Line 01_12	409	g	1.500						
3	Conveying Line 01_01	3	g	0.900						
3	Conveying Line 01_01	5	g			1.000				
3	Conveying Line 01_03	9	g	2.700						
3	Conveying Line 01_05	11	g		5.700					
3	Conveying Line 01_08	15	g	5.400						
3	Conveying Line 01_08	17	g	1.200						
3	Conveying Line 01_09	19	g	0.800						
3	Conveying Line 01_10	21	g			2.200				
3	Conveying Line 01_10	27	g	2.600						
3	Conveying Line 01_12	29	g		-3.100					

## Load case Wind

### Operation data

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
0.00	-20.0	0.0	Conveying Line 01_11 AT-27 AT-26 Conveying Line 01_10 AT-16 Conveying Line 01_12
2.90	50.0	700.0	Conveying Line 01_01 Conveying Line 01_03 Conveying Line 01_05

Operation pressure [bar(g)]	Operation temperature [°C]	Density medium [kg/m³]	used in Pipeline
			Conveying Line 01_06 Conveying Line 01_08 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12 Conveying Line 01_02 Conveying Line 01_04 Conveying Line 01_07
2.90	50.0	0.0	Conveying Line 01_01 Conveying Line 01_09 Conveying Line 01_10 Conveying Line 01_12
0.00	50.0	0.0	Conveying Line 01_01 Conveying Line 01_10 AT-17 Conveying Line 01_12 Conveying Line 01_08

Determination of wind loads acc. to DIN 1055, 1987

**Standard:** EN 1991-1-4:2005 - Rev. 01/2010

**Wind zone:** Germany - NA - WZ 1

**Ground category:** III - Areas with even vegetation or building

Da [mm]	Insul. [mm]	Tin-pl [mm]	Ice [mm]	H [m]	Q [kN/m²]	Psi	cf	T [s]	cscd	Factor	Load [kN/m]
139.70	0.00			34.015	0.815	0.91	0.86			0.70	0.069
139.70	0.00			31.415	0.795	0.91	0.86			0.70	0.067
139.70	0.00			27.415	0.763	0.91	0.86			0.70	0.064
139.70	0.00			23.415	0.726	0.91	0.86			0.70	0.061
139.70	0.00			19.415	0.684	0.91	0.86			0.70	0.057
139.70	0.00			16.015	0.641	0.91	0.85			0.70	0.054
139.70	0.00			15.833	0.638	0.91	0.85			0.70	0.053
139.70	0.00			14.608	0.621	0.91	0.85			0.70	0.052
139.70	0.00			14.267	0.616	0.91	0.85			0.70	0.051
139.70	0.00			13.383	0.602	0.91	0.85			0.70	0.050
139.70	0.00			12.351	0.585	0.91	0.85			0.70	0.049
139.70	0.00			9.801	0.537	0.91	0.85			0.70	0.045
139.70	0.00			8.651	0.511	0.91	0.85			0.70	0.042

## **General notes / Changes**

Preliminary design based on 3D model

<b>Load Case</b>	<b>Operation Case</b>
Dead load	Conveying to Silo AT-16/17/26/27
Dead load -20°C	Dead load at minimum temperature
Operation LC1	Conveying to Silo AT-17
Operation LC2	Conveying to Silo AT-27
Operation LC3	Conveying to Silo AT-16
Operation LC4	Conveying to Silo AT-26
Wind load	Wind load
Assembly	Assembly loads

Also the dynamic loads for all operation load cases for start up or non smooth conveying

## Results

### Stress evaluation EN 13480-3

Ana lysis	Eq.	Description	Load cases	Node	S-total [N/mm <sup>2</sup> ]	S-allow. [N/mm <sup>2</sup> ]	Util. [%]
01	S1	Sustained loads	Sustained loads	275	13.1	36.0	36.3
02	S3	Secondary loads	Temp. loads	~027	125.5	233.8	53.7
03	S4	Sustained and secondary loads	Sustained loads, Temp. loads	~027	130.4	364.2	35.8
04	S2	Occasional loads	Sustained loads, LC1.dyn	245	48.9	130.4	37.5
05	S2	Occasional loads	Sustained loads, LC2.dyn	245	48.9	130.4	37.5
06	S2	Occasional loads	Sustained loads, LC3.dyn	245	48.4	130.4	37.1
07	S2	Occasional loads	Sustained loads, LC4.dyn	245	48.4	130.4	37.2
08	S2	Occasional loads	Sustained loads, Wind-XY	275	13.1	36.0	36.3

### Nozzle loads

For all in the calculation model defined nozzles the maximum loads are listed in the following table.

Node	Line	Description		C S	QX [kN]	QY [kN]	QZ [kN]	MX [kNm]	MY [kNm]	MZ [kNm]
421	AT-27	AT-27/N1	calc. allow.	g	-0.188	-0.097	0.742	0.016	-0.032	0.071
423	AT-17	AT-17/N1	calc. allow.	g	-0.266	-0.119	0.636	0.020	-0.045	0.063
425	AT-16	AT-16/N1	calc. allow.	g	-0.383	-0.274	0.862	0.046	-0.065	0.478
427	AT-26	AT-26/N1	calc. allow.	g	0.214	-0.276	0.741	0.046	0.036	0.312
341	Conveying Line 01_01		calc. allow.	g	-0.917	-0.007	-0.203	-0.005	-0.053	0.007

### Loads on supports

The loads at all supports are listed in the ROHR2 output file "Support loads".

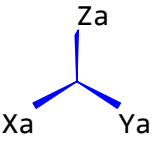
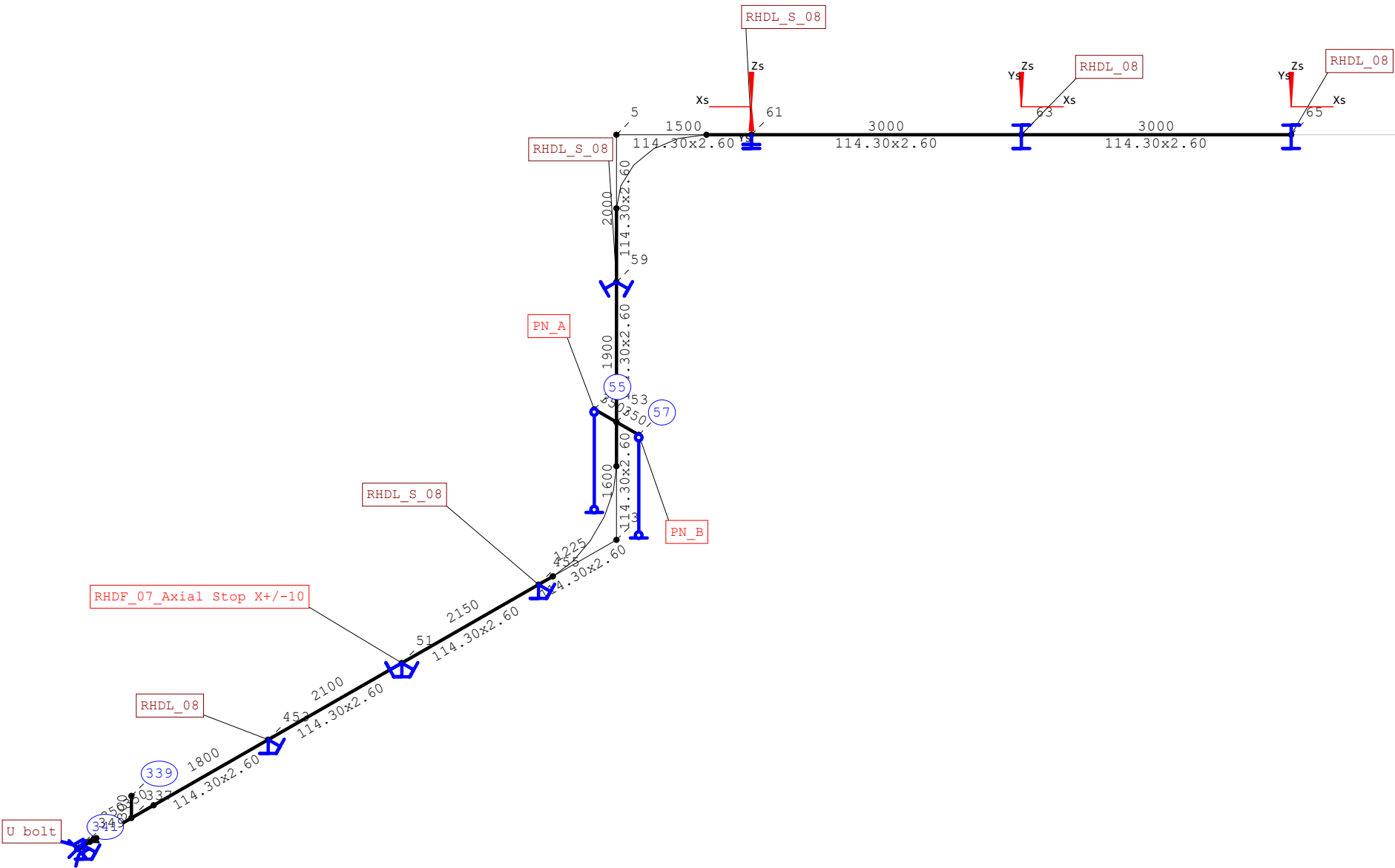
## Output

Structure Plot

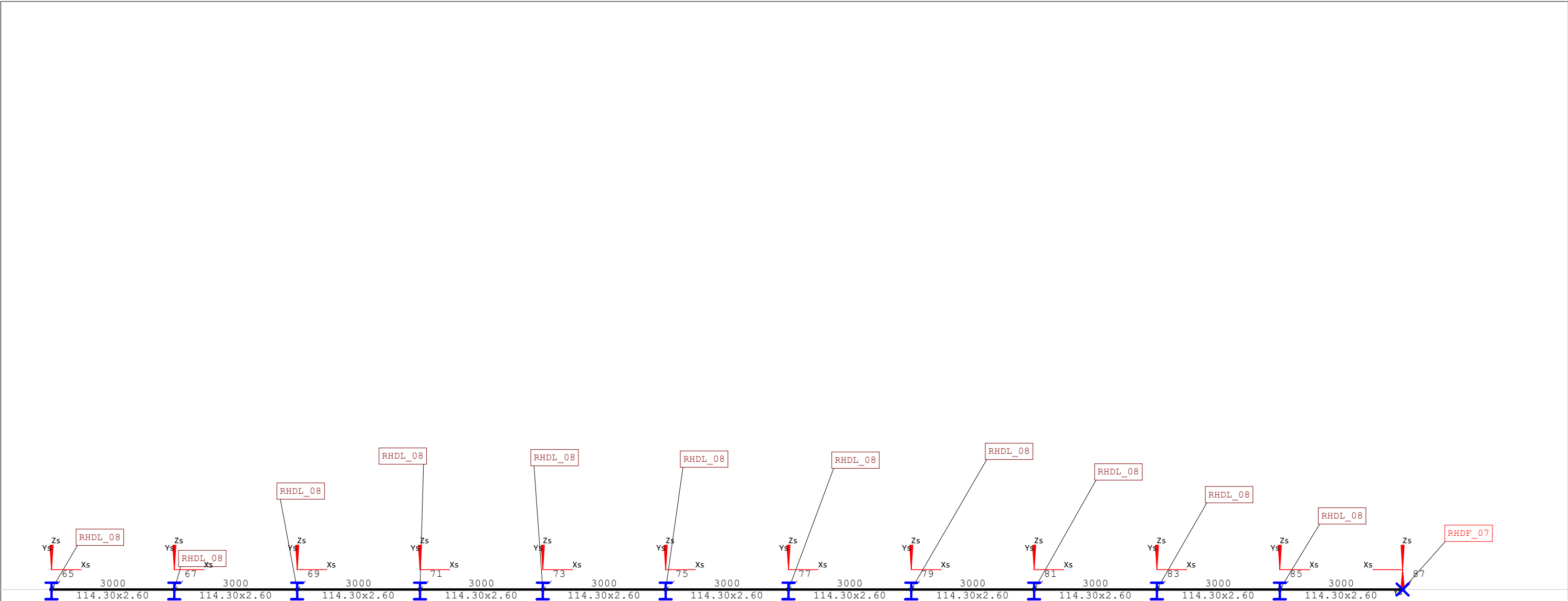
Support Loads

Max. Support loads structure plot

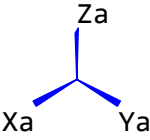
- Nozzle
- Spring
- Rigid support
- Anchor point




	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/13/21
Project:	GETEC DSM Emmen. Conveying Line 01	
Drawing:	Dead Load Conveying Line 01_01	



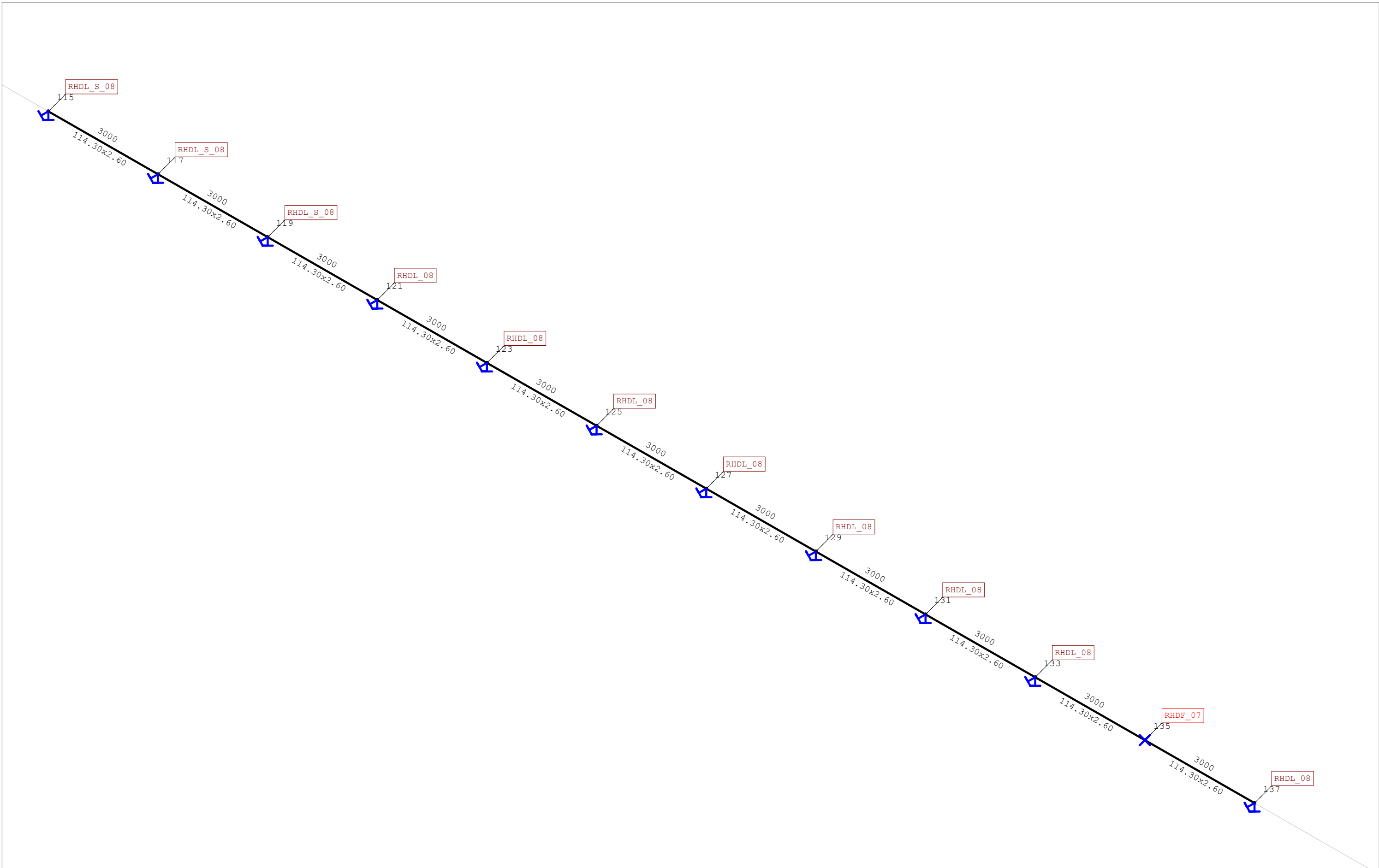
T Rigid support  
X Anchor point



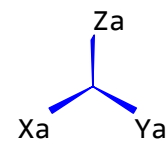
	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen		ROHR2
Commiss.:	X00622		Date : 10/13/21
Project:	GETEC DSM Emmen. Conveying Line 01		
Drawing:	Dead Load Conveying Line 01_02		



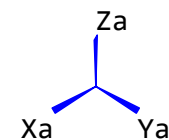
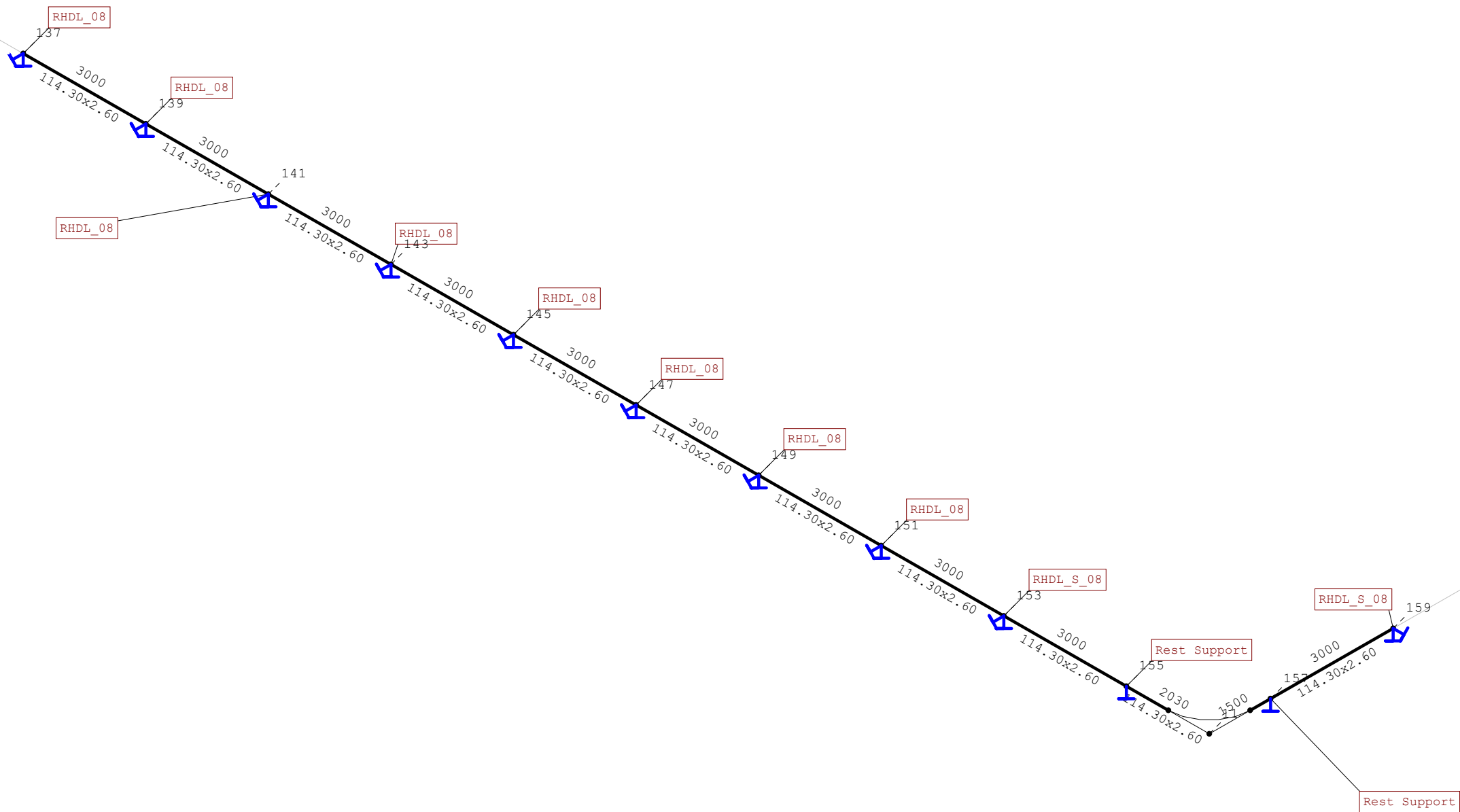





T Rigid support  
X Anchor point



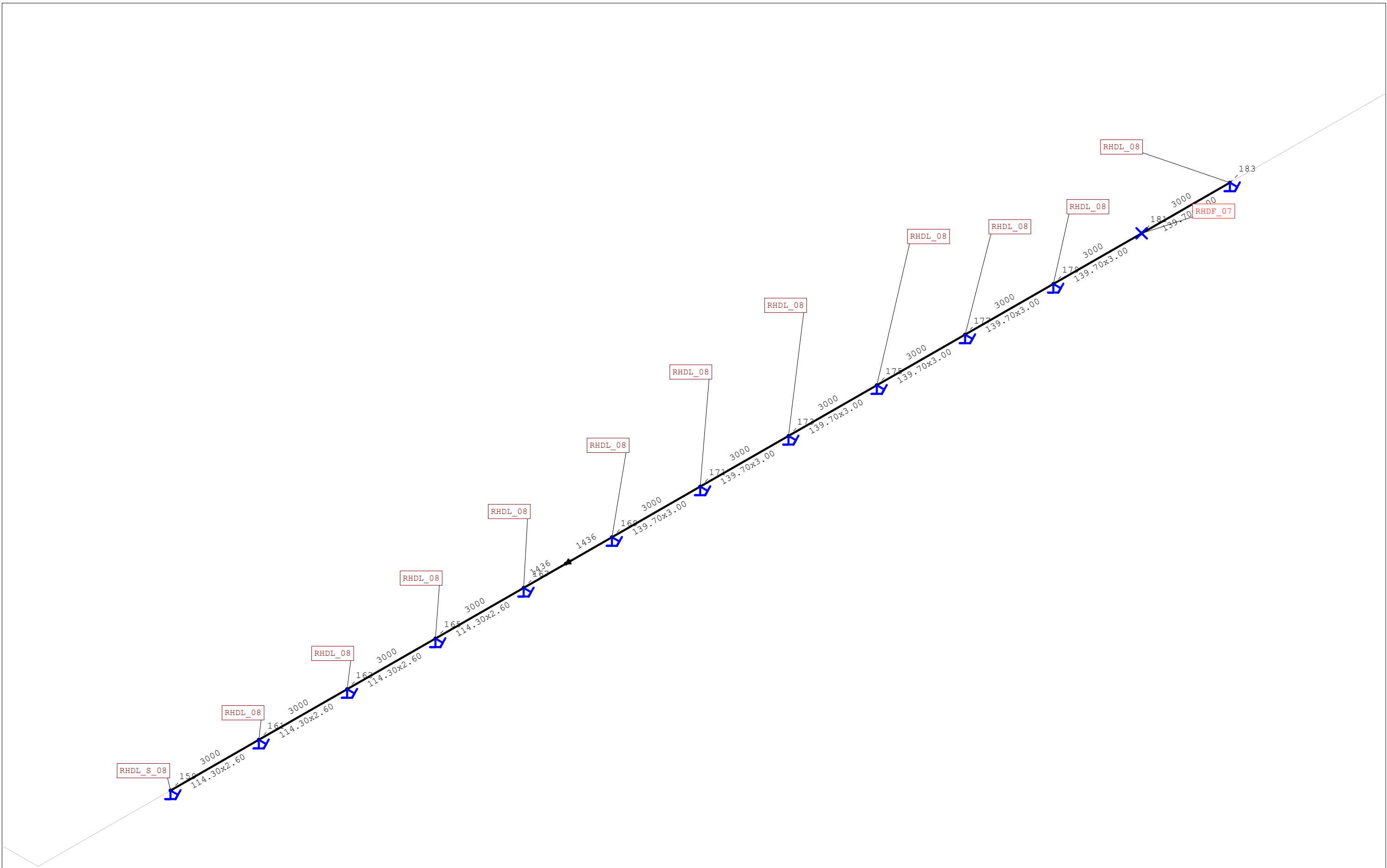
	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen		ROHR2
	Commiss.:	X00622	
	Project:	GETEC DSM Emmen. Conveying Line 01	
	Drawing:	Dead Load Conveying Line 01_04	
		Date : 10/13/21	



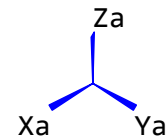
 Rigid support


 <b>ZEPPELIN</b> WE CREATE SOLUTIONS		Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622		Date : 10/13/21
Project:	GETEC DSM Emmen. Conveying Line 01		
Drawing:	Dead Load		
	Conveying Line 01_05		

System: C:\Users\senjaliap\Documents\Projects\ZB0783\Roehr2\System 01\_0\System 01\_0.r2w, No. of nodes: 197

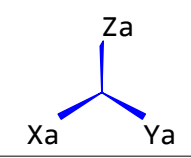
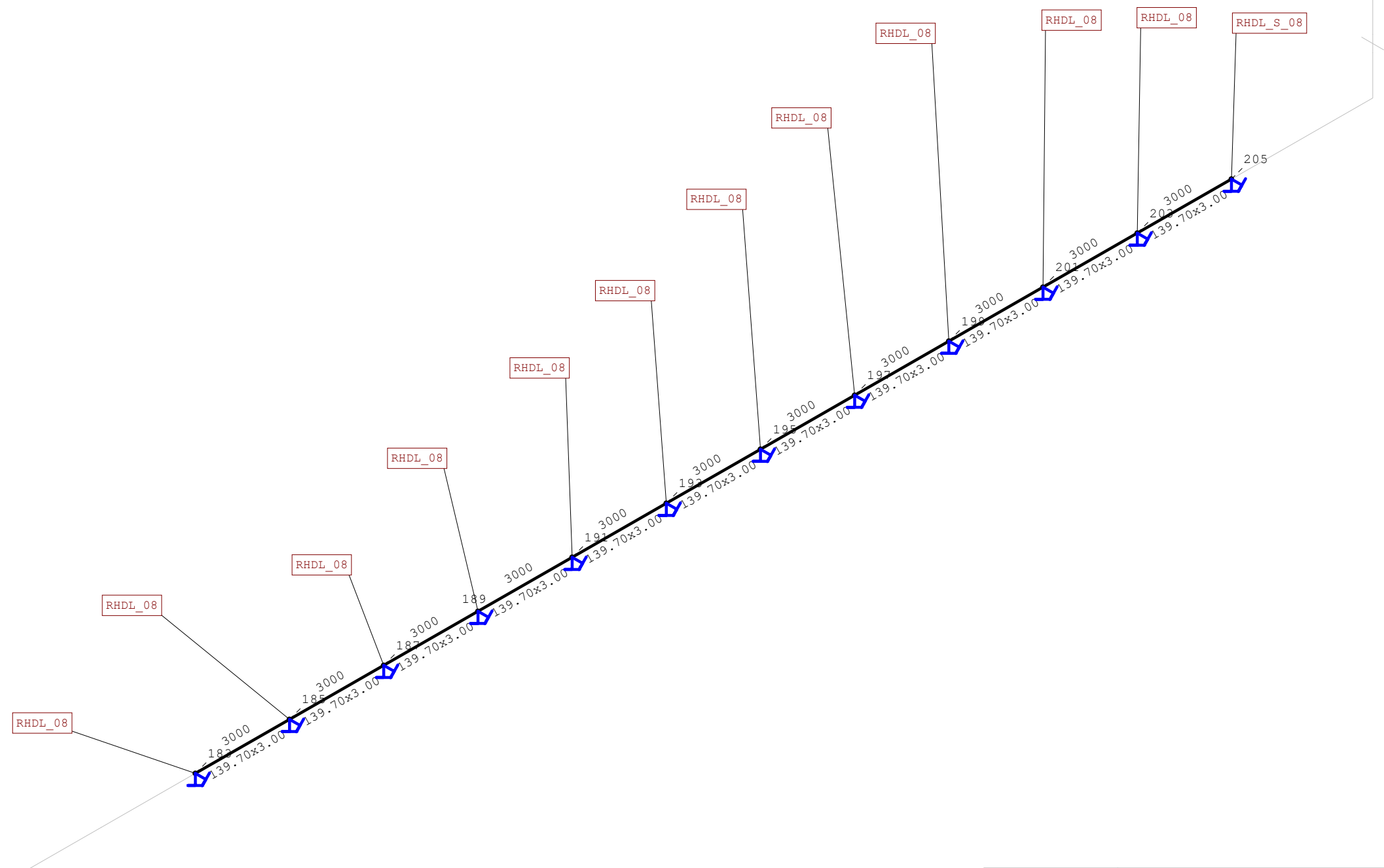



T Rigid support  
X Anchor point

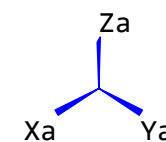
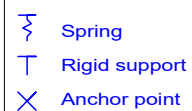



	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/13/21
Project:	GETEC DSM Emmen. Conveying Line 01	
Drawing:	Dead Load Conveying Line 01_06	

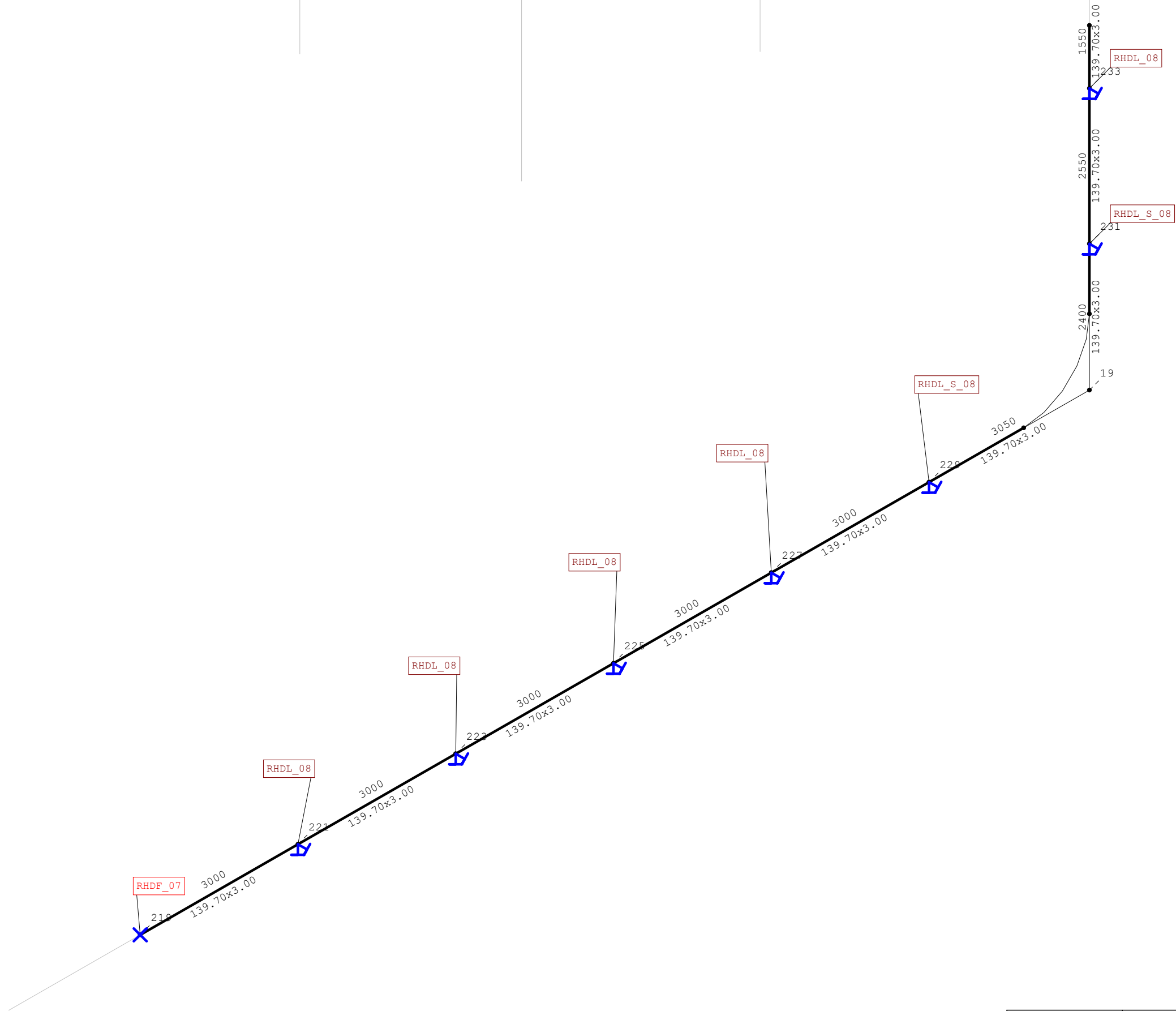
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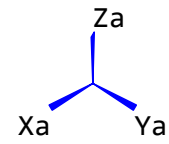
	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen		ROHR2
	Commiss.:	X00622	Date : 10/13/21
	Project:	GETEC DSM Emmen. Conveying Line 01	
Drawing:		Dead Load Conveying Line 01_07	




 <b>ZEPPELIN</b> <small>WE CREATE SOLUTIONS</small>	<b>Zeppelin Systems GmbH</b> <b>Graf-Zeppelin Platz 1</b> <b>D-88045 Friedrichshafen</b>	<b>ROHR2</b>
<b>Commiss.:</b>	<b>X00622</b>	
<b>Project:</b>	<b>GETEC DSM Emmen. Conveying Line 01</b>	
<b>Drawing:</b>	<b>Dead Load</b> <b>Conveying Line 01_08</b>	
<b>Date:</b>	<b>10/13/21</b>	

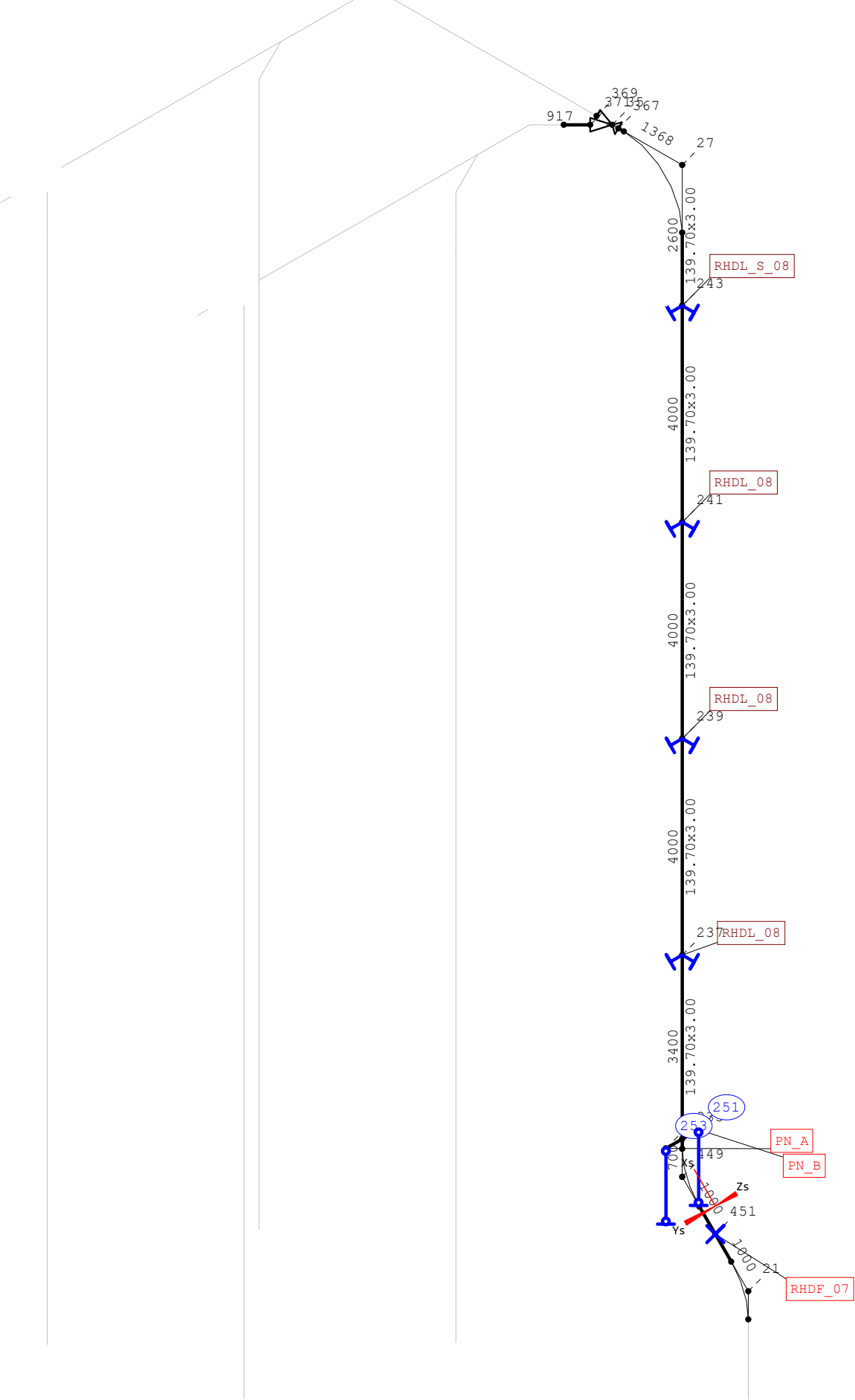


T Rigid support  
X Anchor point

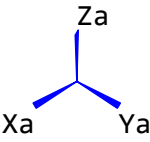



	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/13/21
Project:	GETEC DSM Emmen. Conveying Line 01	
Drawing:	Dead Load	
	Conveying Line 01_09	

System: C:\Users\senjalipi\Documents\Projects\ZB0783\RoHr2\System 01\_0\System 01\_0.r2w, No. of nodes: 197



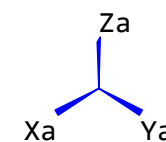
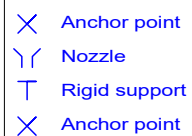
- Spring
- Rigid support
- Anchor point

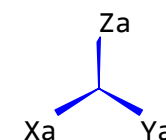


	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/13/21
Project:	GETEC DSM Emmen. Conveying Line 01	
Drawing:	Dead Load Conveying Line 01_10	

System: C:\Users\senjalip\Documents\Projects\ZB0783\RoHR2\System 01\_0\System 01\_0.r2w, No. of nodes: 197

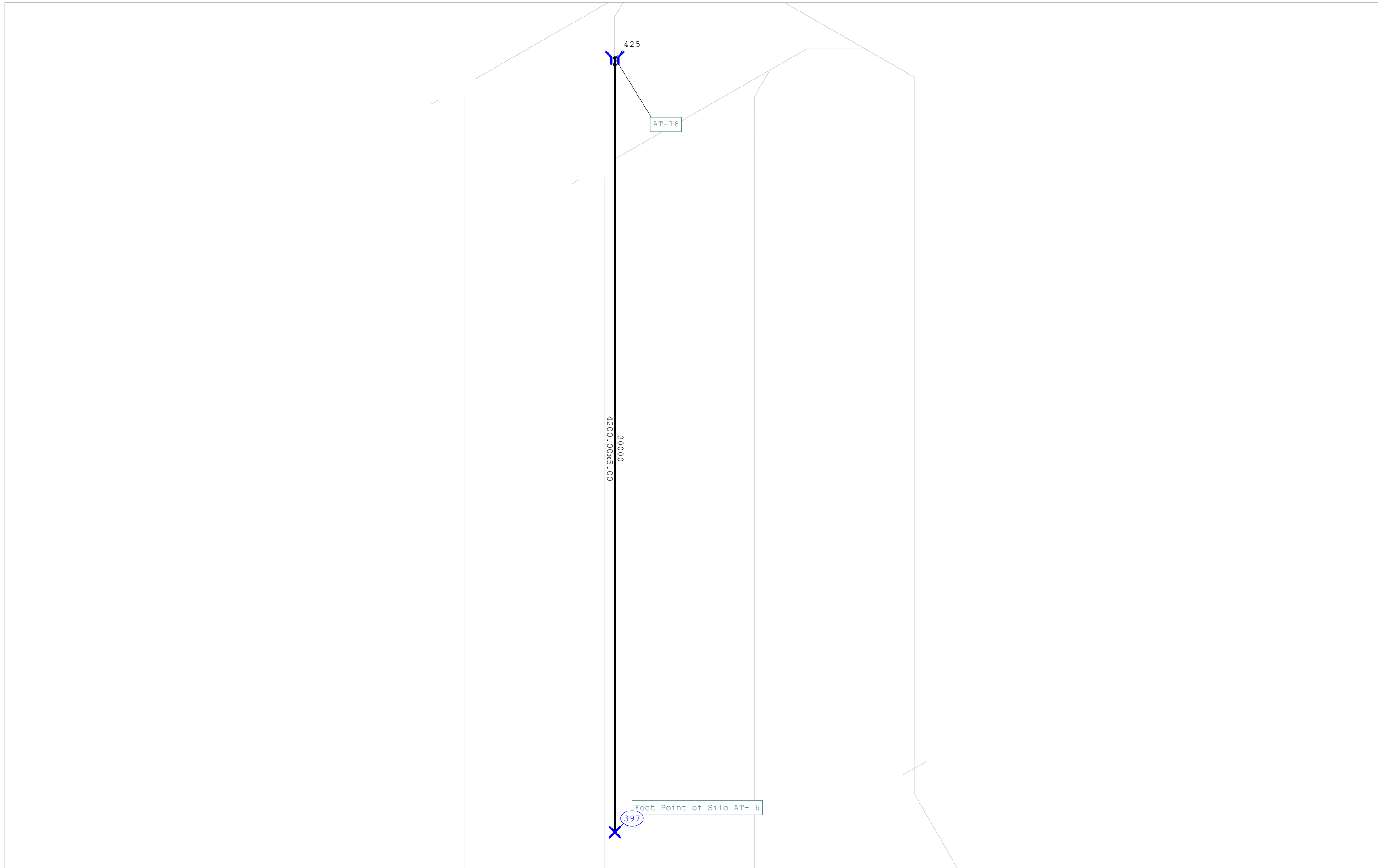




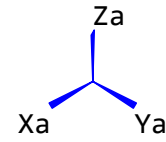



- SIGMA Program ROHR2 33.1 - [www.rohr2.com](http://www.rohr2.com)

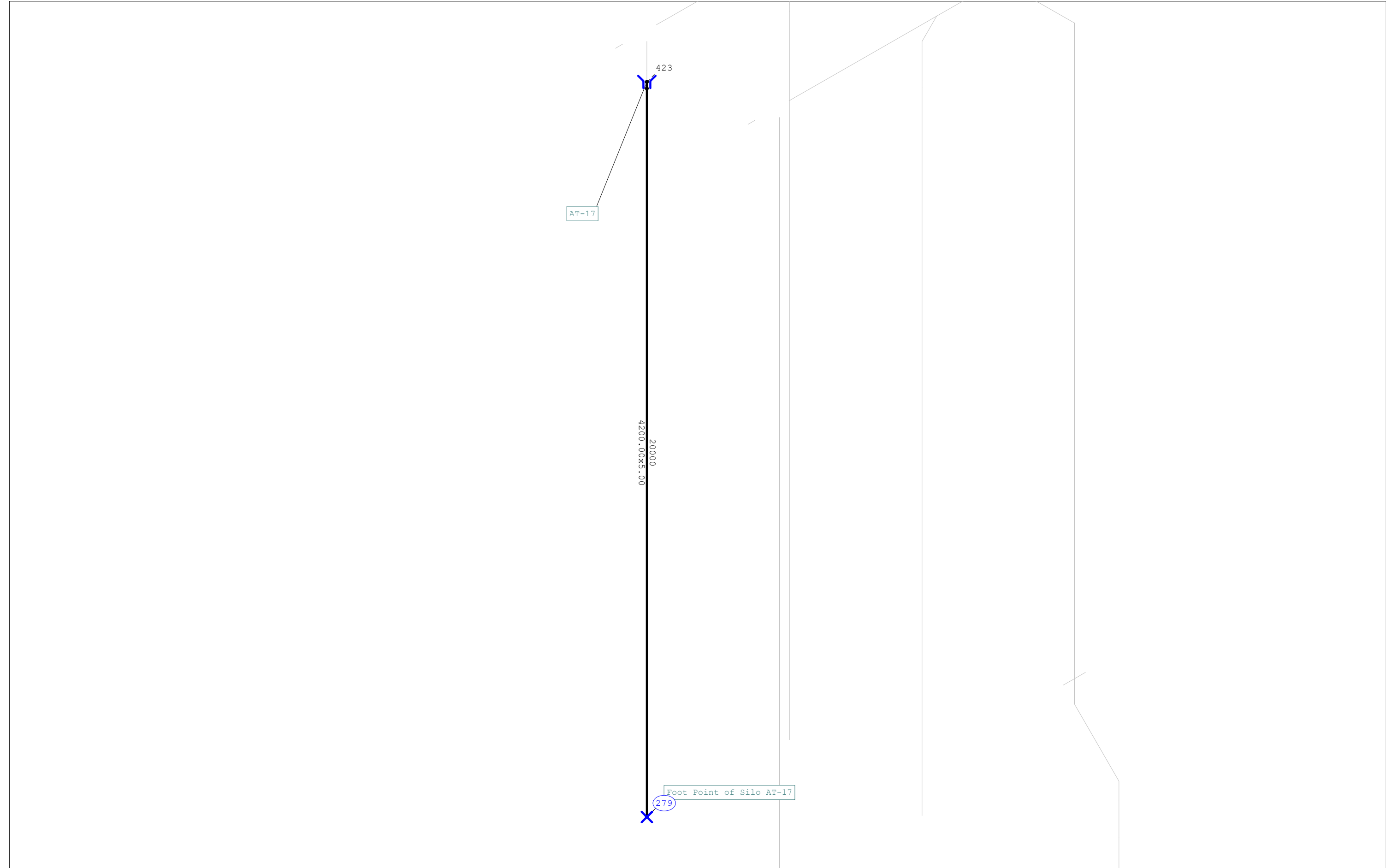
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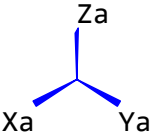
- ✕ Anchor point
- Y Nozzle
- ✕ Anchor point



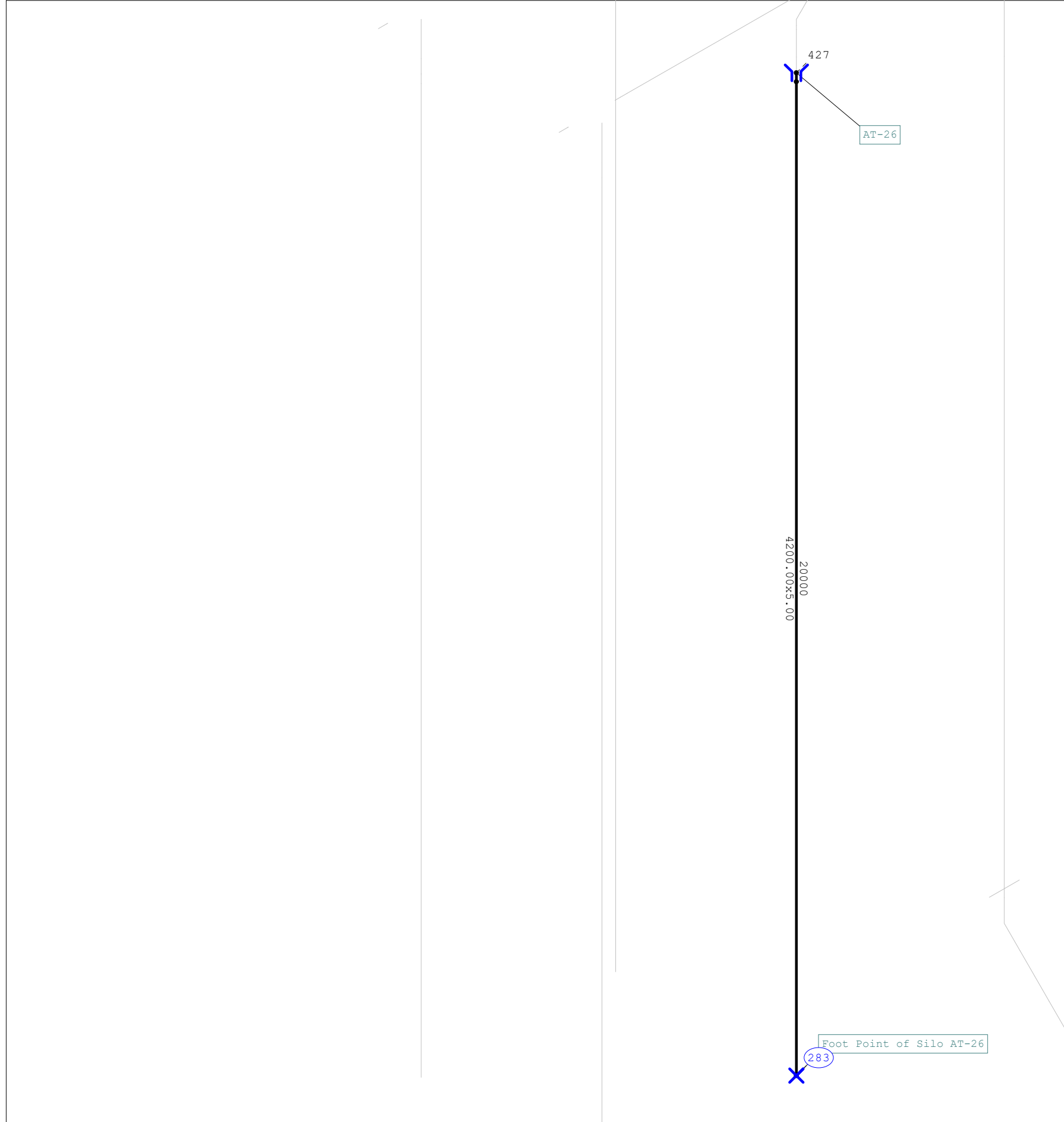
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	Commiss.:	X00622	Date : 10/13/21
	Project:	GETEC DSM Emmen. Conveying Line 01	
Drawing:		Dead Load AT-16	



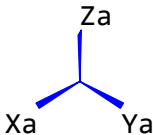
- ✕ Anchor point
- Y Nozzle
- ✕ Anchor point



 <b>ZEPPELIN</b> WE CREATE SOLUTIONS		Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	<b>ROHR2</b>
Commiss.:	X00622		
Project:	GETEC DSM Emmen. Conveying Line 01		
Drawing:	Dead Load AT-17		
		Date :	10/13/21



- ✕ Anchor point
- Y Nozzle
- ✕ Anchor point



	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/13/21
Project:	GETEC DSM Emmen. Conveying Line 01	
Drawing:	Dead Load AT-26	

AT-27

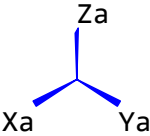
421

2000  
4200.00x5.00

Foot Point of Silo AT-27

277

- Anchor point
- Nozzle
- Anchor point



Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen		ROHR2
Commiss.:	X00622	Date : 10/13/21
Project:	GETEC DSM Emmen. Conveying Line 01	
Drawing:	Dead Load AT-27	



R E S U L T S      --    Program ROHR2  
 Commiss.    X00622  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

/33.1    --    Page    2  
 Date 10/14/21    08:55:56

Line	Point	Pos	Text for section	Coordin.system
3	131	S	RHDL_08	
3	133	S	RHDL_08	
3	135	S	RHDF_07	
3	137	S	RHDL_08	
3	139	S	RHDL_08	
3	141	S	RHDL_08	
3	143	S	RHDL_08	
3	145	S	RHDL_08	
3	147	S	RHDL_08	
3	149	S	RHDL_08	
3	151	S	RHDL_08	
3	153	S	RHDL_S_08	
3	155	S	Rest Support	
3	157	S	Rest Support	
3	159	S	RHDL_S_08	
3	161	S	RHDL_08	
3	163	S	RHDL_08	
3	165	S	RHDL_08	
3	167	S	RHDL_08	
3	169	S	RHDL_08	
3	171	S	RHDL_08	
3	173	S	RHDL_08	
3	175	S	RHDL_08	
3	177	S	RHDL_08	
3	179	S	RHDL_08	
3	181	S	RHDF_07	
3	183	S	RHDL_08	
3	185	S	RHDL_08	
3	187	S	RHDL_08	
3	189	S	RHDL_08	
3	191	S	RHDL_08	
3	193	S	RHDL_08	
3	195	S	RHDL_08	
3	197	S	RHDL_08	
3	199	S	RHDL_08	
3	201	S	RHDL_08	
3	203	S	RHDL_08	
3	205	S	RHDL_S_08	
3	209	S	RHDL_S_08	
3	211	S	RHDL_08	
3	213	S	RHDL_08	
3	215	S	RHDL_08	
3	217	S	RHDL_08	
3	219	S	RHDF_07	
3	221	S	RHDL_08	
3	223	S	RHDL_08	
3	225	S	RHDL_08	
3	227	S	RHDL_08	
3	229	S	RHDL_S_08	
3	231	S	RHDL_S_08	
3	233	S	RHDL_08	
3	237	S	RHDL_08	
3	239	S	RHDL_08	
3	241	S	RHDL_08	



R E S U L T S      --    Program ROHR2                      /33.1    --    Page      3  
 Commiss.    X00622                                      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line	Point	Pos	Text for section	Coordin.system
3	243	S	RHDL_S_08	
3	245	S	RHDF_07	
2	247	S	RHDF_07	
4	249	S	RHDF_07	
9	251	S HR	PN_B	
9	253	S HR	PN_A	
8	309	S	RHDL_08	
6	313	S	RHDL_08	
3	349	S	U bolt	
3	451	S	RHDF_07	
7	277	S	Foot Point of Silo AT-27	
10	283	S	Foot Point of Silo AT-26	
5	279	S	Foot Point of Silo AT-17	
1	397	S	Foot Point of Silo AT-16	
3	453	S	RHDL_08	
3	455	S	RHDL_S_08	
11	443	S HR	PN_A	
11	445	S HR	PN_B	

THE FOLLOWING LOAD CASES ARE TO BE CONSIDERED:

Lc-File	Lc-Array	Lc-Name	calculated at:	
prim1.erg	G1	DeadLoad	10/14/21	08:55:49
prim2.erg	G2	DeadLoad -20	10/14/21	08:55:49
temp1.erg	T1	LC1	10/14/21	08:55:49
temp2.erg	T2	LC2	10/14/21	08:55:49
temp3.erg	T3	LC3	10/14/21	08:55:50
temp4.erg	T4	LC4	10/14/21	08:55:50
wind1.erg	W00	Wind_X	10/14/21	08:55:55
wind1.erg	W01	Wind_Y	10/14/21	08:55:55
occ2.erg	E2	LC1.dyn	10/14/21	08:55:50
occ1.erg	E1	LC2.dyn	10/14/21	08:55:50
occ3.erg	E3	LC3.dyn	10/14/21	08:55:50
occ4.erg	E4	LC4.dyn	10/14/21	08:55:51

R E S U L T S      --    Program ROHR2      /33.1    --    Page    4  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

#### S U P E R P O S I T I O N   S P E C I F I C A T I O N

Ex-array XM	Extr. DeadLoad	= FEST by :		
	Lc-array G1	Loadc. DeadLoad	*	1.00
Ex-array XM1	Extr. DeadLoad -20	= FEST by :		
	Lc-array G2	Loadc. DeadLoad -20	*	1.00
Ex-array XOP	Extr. LC1	= FEST by :		
	Lc-array T1	Loadc. LC1	*	1.00
Ex-array XOP1	Extr. LC2	= FEST by :		
	Lc-array T2	Loadc. LC2	*	1.00
Ex-array XOP2	Extr. LC3	= FEST by :		
	Lc-array T3	Loadc. LC3	*	1.00
Ex-array XOP3	Extr. LC4	= FEST by :		
	Lc-array T4	Loadc. LC4	*	1.00
Ex-array OCC	Extr. LC1.dyn	= FEST by :		
	Lc-array E2	Loadc. LC1.dyn	*	1.00
Ex-array OCC1	Extr. LC2.dyn	= FEST by :		
	Lc-array E1	Loadc. LC2.dyn	*	1.00
Ex-array OCC2	Extr. LC3.dyn	= FEST by :		
	Lc-array E3	Loadc. LC3.dyn	*	1.00
Ex-array OCC3	Extr. LC4.dyn	= FEST by :		
	Lc-array E4	Loadc. LC4.dyn	*	1.00
Lc-array WRMS	Loadc. Wind-XY	= SRSS by :		
	Lc-array W00	Loadc. Wind_X	*	1.00
	+ Lc-array W01	Loadc. Wind_Y	*	1.00
Ex-array XW	Extr. Wind	= GRWE by :		
	Lc-array WRMS	Loadc. Wind-XY	*	1.00
Ex-array XM2	Extr. Deadl/Oper.-Ext.	= SAFE by :		
	+ Ex-array XM	Extr. DeadLoad	*	1.00
	+ Ex-array XM1	Extr. DeadLoad -20	*	1.00
	+ Ex-array XOP	Extr. LC1	*	1.00
	+ Ex-array XOP1	Extr. LC2	*	1.00
	+ Ex-array XOP2	Extr. LC3	*	1.00
	+ Ex-array XOP3	Extr. LC4	*	1.00
Lc-array OPMAX	Loadc. Deadl/Oper.-Max	= MAXIMUM by :		
	Ex-array XM2	Extr. Deadl/Oper.-Ext.	*	1.00
Lc-array OPMIN	Loadc. Deadl/Oper.-Min	= MINIMUM by :		
	Ex-array XM2	Extr. Deadl/Oper.-Ext.	*	1.00
Ex-array XXOCC	Extr. OC(DeadLoad)	= SAFR by :		
	+ Ex-array OCC	Extr. LC1.dyn	*	1.00
	+ Ex-array OCC1	Extr. LC2.dyn	*	1.00
	+ Ex-array OCC2	Extr. LC3.dyn	*	1.00
	+ Ex-array OCC3	Extr. LC4.dyn	*	1.00
	+ Ex-array XW	Extr. Wind	*	1.00
Ex-array XXOCC1	Extr. DeadLoad+OC	= FEST by :		
	+ Ex-array XM	Extr. DeadLoad	*	1.00
	+ Ex-array XXOCC	Extr. OC(DeadLoad)	*	1.00
Ex-array XXOCC2	Extr. OC(LC1)	= SAFR by :		
	+ Ex-array OCC	Extr. LC1.dyn	*	1.00
	+ Ex-array OCC1	Extr. LC2.dyn	*	1.00
	+ Ex-array OCC2	Extr. LC3.dyn	*	1.00
	+ Ex-array OCC3	Extr. LC4.dyn	*	1.00
	+ Ex-array XW	Extr. Wind	*	1.00
Ex-array XXOCC3	Extr. LC1+OC	= FEST by :		
	+ Ex-array XOP	Extr. LC1	*	1.00
	+ Ex-array XXOCC2	Extr. OC(LC1)	*	1.00

R E S U L T S      --    Program ROHR2      /33.1    --    Page    5  
Commiss.    X00622      Date 10/14/21    08:55:56  
GETEC DSM Emmen. Conveying Line 01  
Conveying to Silo AT-16/17/26/27

Ex-array XXOCC4	Extr. OC(LC2)	=	SAFR	by :		
	+ Ex-array OCC	Extr. LC1.dyn	*		1.00	
	+ Ex-array OCC1	Extr. LC2.dyn	*		1.00	
	+ Ex-array OCC2	Extr. LC3.dyn	*		1.00	
	+ Ex-array OCC3	Extr. LC4.dyn	*		1.00	
	+ Ex-array XW	Extr. Wind	*		1.00	
Ex-array XXOCC5	Extr. LC2+OC	=	FEST	by :		
	+ Ex-array XOP1	Extr. LC2	*		1.00	
	+ Ex-array XXOCC4	Extr. OC(LC2)	*		1.00	
Ex-array XXOCC6	Extr. OC(DeadLoad -20)	=	SAFR	by :		
	+ Ex-array OCC	Extr. LC1.dyn	*		1.00	
	+ Ex-array OCC1	Extr. LC2.dyn	*		1.00	
	+ Ex-array OCC2	Extr. LC3.dyn	*		1.00	
	+ Ex-array OCC3	Extr. LC4.dyn	*		1.00	
	+ Ex-array XW	Extr. Wind	*		1.00	
Ex-array XXOCC7	Extr. DeadLoad -20+OC	=	FEST	by :		
	+ Ex-array XM1	Extr. DeadLoad -20	*		1.00	
	+ Ex-array XXOCC6	Extr. OC(DeadLoad -20)	*		1.00	
Ex-array XXOCC8	Extr. OC(LC3)	=	SAFR	by :		
	+ Ex-array OCC	Extr. LC1.dyn	*		1.00	
	+ Ex-array OCC1	Extr. LC2.dyn	*		1.00	
	+ Ex-array OCC2	Extr. LC3.dyn	*		1.00	
	+ Ex-array OCC3	Extr. LC4.dyn	*		1.00	
	+ Ex-array XW	Extr. Wind	*		1.00	
Ex-array XXOCC9	Extr. LC3+OC	=	FEST	by :		
	+ Ex-array XOP2	Extr. LC3	*		1.00	
	+ Ex-array XXOCC8	Extr. OC(LC3)	*		1.00	
Ex-array XXOCC10	Extr. OC(LC4)	=	SAFR	by :		
	+ Ex-array OCC	Extr. LC1.dyn	*		1.00	
	+ Ex-array OCC1	Extr. LC2.dyn	*		1.00	
	+ Ex-array OCC2	Extr. LC3.dyn	*		1.00	
	+ Ex-array OCC3	Extr. LC4.dyn	*		1.00	
	+ Ex-array XW	Extr. Wind	*		1.00	
Ex-array XXOCC11	Extr. LC4+OC	=	FEST	by :		
	+ Ex-array XOP3	Extr. LC4	*		1.00	
	+ Ex-array XXOCC10	Extr. OC(LC4)	*		1.00	
Ex-array EXT	Extr. Extreme val-Ext	=	SAFE	by :		
	+ Ex-array XM2	Extr. Deadl/Oper.-Ext.	*		1.00	
	+ Ex-array XXOCC1	Extr. DeadLoad+OC	*		1.00	
	+ Ex-array XXOCC3	Extr. LC1+OC	*		1.00	
	+ Ex-array XXOCC5	Extr. LC2+OC	*		1.00	
	+ Ex-array XXOCC7	Extr. DeadLoad -20+OC	*		1.00	
	+ Ex-array XXOCC9	Extr. LC3+OC	*		1.00	
	+ Ex-array XXOCC11	Extr. LC4+OC	*		1.00	
Lc-array LFMAX	Loadc. Extreme val-Max	=	MAXIMUM	by :		
	Ex-array EXT	Extr. Extreme val-Ext	*		1.00	
Lc-array LFMIN	Loadc. Extreme val-Min	=	MINIMUM	by :		
	Ex-array EXT	Extr. Extreme val-Ext	*		1.00	
Lc-array LFEXT	Loadc. Extreme value	=	EXTREMUM	by :		
	Ex-array EXT	Extr. Extreme val-Ext	*		1.00	
Output of load case arrays:						
	Lc-array G1	Loadc. DeadLoad				
Output of load case arrays:						
	Lc-array G2	Loadc. DeadLoad -20				
Output of load case arrays:						
	Lc-array T1	Loadc. LC1				

R E S U L T S      --    Program ROHR2      /33.1    --    Page      6  
Commiss.    X00622      Date 10/14/21    08:55:56  
GETEC DSM Emmen. Conveying Line 01  
Conveying to Silo AT-16/17/26/27

Output of load case arrays:	
Lc-array T2	Loadc. LC2
Output of load case arrays:	
Lc-array T3	Loadc. LC3
Output of load case arrays:	
Lc-array T4	Loadc. LC4
Output of load case arrays:	
Lc-array W00	Loadc. Wind_X
Output of load case arrays:	
Lc-array W01	Loadc. Wind_Y
Output of load case arrays:	
Lc-array E2	Loadc. LC1.dyn
Output of load case arrays:	
Lc-array E1	Loadc. LC2.dyn
Output of load case arrays:	
Lc-array E3	Loadc. LC3.dyn
Output of load case arrays:	
Lc-array E4	Loadc. LC4.dyn

-----

Output of load case arrays:	
Lc-array LFEXT	Loadc. Extreme value

-----

New page

R E S U L T S      --    Program ROHR2      /33.1    --    Page    7  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    51        AR  
 Support in Absolute Coordinate System

Guide support + axial stop  
 RHDF\_07\_Axial Stop X+/-10

LoadCase	WX PX mm deg	WY PY mm deg	WZ PZ mm deg	AQX AMX kN kNm	AQY AMY kN kNm	AQZ AMZ kN kNm
DeadLoad	-0.00 -0.00	-0.00 -0.00	-0.02 0.00	0.000 0.000	-0.001 0.000	-0.322 0.000
DeadLoad -20	-0.00 -0.00	-0.00 -0.00	-0.01 0.00	0.000 0.000	-0.001 0.000	-0.169 0.000
LC1	-2.79 -0.01	0.00 0.00	-0.02 -0.01	-0.063 0.000	0.030 0.000	-0.210 0.000
LC2	-2.79 -0.01	0.00 0.00	-0.02 -0.01	-0.063 0.000	0.030 0.000	-0.210 0.000
LC3	-2.79 -0.01	0.00 0.00	-0.02 -0.01	-0.063 0.000	0.030 0.000	-0.210 0.000
LC4	-2.79 -0.01	0.00 0.00	-0.02 -0.01	-0.063 0.000	0.030 0.000	-0.210 0.000
Wind_X	-0.00 -0.00	-0.00 -0.00	-0.00 0.00	0.000 0.000	-0.000 0.000	-0.000 0.000
Wind_Y	0.00 0.00	0.00 0.00	0.00 -0.00	0.000 0.000	0.000 0.000	0.000 0.000
LC1.dyn	-0.03 -0.00	-0.00 -0.00	-0.00 0.00	0.000 0.000	-0.002 0.000	-0.001 0.000
LC2.dyn	-0.03 -0.00	-0.00 -0.00	-0.00 0.00	0.000 0.000	-0.002 0.000	-0.001 0.000
LC3.dyn	-0.03 -0.00	-0.00 -0.00	-0.00 0.00	0.000 0.000	-0.002 0.000	-0.001 0.000
LC4.dyn	-0.03 -0.00	-0.00 -0.00	-0.00 0.00	0.000 0.000	-0.002 0.000	-0.001 0.000
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Extreme value	-2.82 -0.01	0.00 0.00	-0.02 -0.01	-0.063 0.000	0.030 0.000	-0.323 0.000
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R E S U L T S      --    Program ROHR2      /33.1    --    Page    8  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

L i n e        12        P o i n t    57        S H R        P N \_ B  
 Support in Absolute Coordinate System

Angulating support, vertical

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.08	0.02	-0.01	0.000	0.000	-0.289
	0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.04	0.01	-0.01	0.000	0.000	-0.210
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-3.66	2.14	-0.01	0.001	-0.000	-0.310
	0.00	0.11	-0.03	0.000	0.000	0.000
LC2	-3.66	2.14	-0.01	0.001	-0.000	-0.310
	0.00	0.11	-0.03	0.000	0.000	0.000
LC3	-3.66	2.14	-0.01	0.001	-0.000	-0.310
	0.00	0.11	-0.03	0.000	0.000	0.000
LC4	-3.66	2.14	-0.01	0.001	-0.000	-0.310
	0.00	0.11	-0.03	0.000	0.000	0.000
Wind_X	-0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.03	0.03	0.01	0.000	0.000	0.487
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.03	0.03	0.01	0.000	0.000	0.487
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.03	0.03	0.01	0.000	0.000	0.487
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.03	0.03	0.01	0.000	0.000	0.487
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-3.69	2.18	-0.01	0.001	-0.000	-0.310
	0.00	0.11	-0.03	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    9  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

L i n e        12        P o i n t    55        S H R            P N \_ A  
 Support in Absolute Coordinate System

Angulating support, vertical

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.06	0.02	-0.01	0.000	0.000	-0.295
	0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.03	0.01	-0.01	0.000	0.000	-0.213
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-4.03	1.86	-0.07	0.007	-0.003	-2.455
	0.00	0.11	-0.03	0.000	0.000	0.000
LC2	-4.03	1.86	-0.07	0.007	-0.003	-2.455
	0.00	0.11	-0.03	0.000	0.000	0.000
LC3	-4.03	1.86	-0.07	0.007	-0.003	-2.455
	0.00	0.11	-0.03	0.000	0.000	0.000
LC4	-4.03	1.86	-0.07	0.007	-0.003	-2.455
	0.00	0.11	-0.03	0.000	0.000	0.000
Wind_X	-0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.04	0.03	0.01	0.000	0.000	0.486
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.04	0.03	0.01	0.000	0.000	0.486
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.04	0.03	0.01	0.000	0.000	0.486
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.04	0.03	0.01	0.000	0.000	0.486
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-4.07	1.89	-0.07	0.007	-0.003	-2.455
	0.00	0.11	-0.03	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    10  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    59        AR        RHD\_L\_S\_08  
 Support in Absolute Coordinate System

Lateral stop all-round, vertical pipe

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.02	-0.01	-0.01	0.035	-0.019	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.01	-0.00	-0.01	0.018	-0.010	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	3.74	-3.67	0.94	1.483	-1.349	0.850
	0.34	0.37	-0.02	0.000	0.000	0.000
LC2	3.74	-3.67	0.94	1.483	-1.349	0.850
	0.34	0.37	-0.02	0.000	0.000	0.000
LC3	3.74	-3.67	0.94	1.483	-1.349	0.850
	0.34	0.37	-0.02	0.000	0.000	0.000
LC4	3.74	-3.67	0.94	1.483	-1.349	0.850
	0.34	0.37	-0.02	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.01	-0.01	0.02	0.017	-0.017	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.01	-0.01	0.02	0.017	-0.017	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.01	-0.01	0.02	0.017	-0.017	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.01	-0.01	0.02	0.017	-0.017	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	3.75	-3.68	0.96	1.501	-1.366	0.850
	0.35	0.38	-0.02	0.000	0.000	0.000
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R E S U L T S      --    Program ROHR2      /33.1    --    Page    11  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    61        ARK            RHD\_L\_S\_08  
 Coordinate System of Support :      P1 = 61      P2 = 5      P3 = 8001  
 Xs= 0.707 -0.707 0.000 Ys= 0.707 0.707 -0.000 Zs= 0.000 0.000 1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.15	0.000	-0.004	-0.302
	0.00	-0.01	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.08	0.000	-0.002	-0.159
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	20.73	0.62	3.66	0.398	0.012	1.326
	-0.01	-0.12	0.00	0.000	0.000	0.000
LC2	20.73	0.62	3.66	0.398	0.012	1.326
	-0.01	-0.12	0.00	0.000	0.000	0.000
LC3	20.73	0.62	3.66	0.398	0.012	1.326
	-0.01	-0.12	0.00	0.000	0.000	0.000
LC4	20.73	0.62	3.66	0.398	0.012	1.326
	-0.01	-0.12	0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.13	-0.00	0.01	0.000	-0.000	0.025
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.13	-0.00	0.01	0.000	-0.000	0.025
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.13	-0.00	0.01	0.000	-0.000	0.025
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.13	-0.00	0.01	0.000	-0.000	0.025
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	20.86	0.62	3.68	0.398	0.012	1.351
	-0.01	-0.12	0.00	0.000	0.000	0.000
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R E S U L T S      --    Program ROHR2      /33.1    --    Page    12  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    63        ARK            RHDL\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	-0.00	-0.21	0.000	-0.002	-0.426
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.001	-0.223
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	-19.12	-0.36	-0.18	-0.107	-0.002	-0.355
	0.01	0.03	0.01	0.000	0.000	0.000
LC2	-19.12	-0.36	-0.18	-0.107	-0.002	-0.355
	0.01	0.03	0.01	0.000	0.000	0.000
LC3	-19.12	-0.36	-0.18	-0.107	-0.002	-0.355
	0.01	0.03	0.01	0.000	0.000	0.000
LC4	-19.12	-0.36	-0.18	-0.107	-0.002	-0.355
	0.01	0.03	0.01	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.003
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.003
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.003
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.003
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-19.25	-0.36	-0.21	-0.107	-0.002	-0.429
	0.01	0.03	0.01	0.000	0.000	0.000
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R E S U L T S      --    Program ROHR2      /33.1    --    Page    13  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    65        ARK            RHDL\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	0.00	-0.20	0.000	0.000	-0.402
	-0.00	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.211
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1	-17.52	-0.13	-0.24	-0.143	-0.001	-0.476
	0.01	-0.01	0.00	0.000	0.000	0.000
LC2	-17.52	-0.13	-0.24	-0.143	-0.001	-0.476
	0.01	-0.01	0.00	0.000	0.000	0.000
LC3	-17.52	-0.13	-0.24	-0.143	-0.001	-0.476
	0.01	-0.01	0.00	0.000	0.000	0.000
LC4	-17.52	-0.13	-0.24	-0.143	-0.001	-0.476
	0.01	-0.01	0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	0.00	0.00	0.000	0.000	0.001
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.13	0.00	0.00	0.000	0.000	0.001
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.13	0.00	0.00	0.000	0.000	0.001
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.13	0.00	0.00	0.000	0.000	0.001
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-17.65	-0.13	-0.24	-0.143	-0.001	-0.476
	0.01	-0.01	0.00	0.000	0.000	0.000
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R E S U L T S      --    Program ROHR2      /33.1    --    Page    14  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    67        ARK            RHD\_L\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	-0.00	-0.20	0.000	-0.000	-0.406
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.213
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	-15.92	-0.01	-0.20	-0.117	-0.000	-0.390
	0.01	0.00	0.00	0.000	0.000	0.000
LC2	-15.92	-0.01	-0.20	-0.117	-0.000	-0.390
	0.01	0.00	0.00	0.000	0.000	0.000
LC3	-15.92	-0.01	-0.20	-0.117	-0.000	-0.390
	0.01	0.00	0.00	0.000	0.000	0.000
LC4	-15.92	-0.01	-0.20	-0.117	-0.000	-0.390
	0.01	0.00	0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-16.05	-0.01	-0.20	-0.117	-0.000	-0.406
	0.01	0.00	0.00	0.000	0.000	0.000
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R E S U L T S      --    Program ROHR2      /33.1    --    Page    15  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    69        ARK            RHD1\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	0.00	-0.20	0.000	0.000	-0.405
	-0.00	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.213
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1	-14.32	0.02	-0.20	-0.122	0.000	-0.408
	0.01	-0.00	0.00	0.000	0.000	0.000
LC2	-14.32	0.02	-0.20	-0.122	0.000	-0.408
	0.01	-0.00	0.00	0.000	0.000	0.000
LC3	-14.32	0.02	-0.20	-0.122	0.000	-0.408
	0.01	-0.00	0.00	0.000	0.000	0.000
LC4	-14.32	0.02	-0.20	-0.122	0.000	-0.408
	0.01	-0.00	0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-14.44	0.02	-0.20	-0.122	0.000	-0.408
	0.01	-0.00	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    16  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    71        ARK            RHD1\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	-0.00	-0.20	0.000	-0.000	-0.405
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.213
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	-12.72	0.02	-0.20	-0.121	0.000	-0.405
	0.01	0.00	-0.00	0.000	0.000	0.000
LC2	-12.72	0.02	-0.20	-0.121	0.000	-0.405
	0.01	0.00	-0.00	0.000	0.000	0.000
LC3	-12.72	0.02	-0.20	-0.121	0.000	-0.405
	0.01	0.00	-0.00	0.000	0.000	0.000
LC4	-12.72	0.02	-0.20	-0.121	0.000	-0.405
	0.01	0.00	-0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-12.85	0.02	-0.20	-0.121	0.000	-0.405
	0.01	0.00	-0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    17  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    73        ARK            RHD\_L\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.405
	-0.00	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.213
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1	-11.12	0.01	-0.20	-0.122	0.000	-0.405
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2	-11.12	0.01	-0.20	-0.122	0.000	-0.405
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3	-11.12	0.01	-0.20	-0.122	0.000	-0.405
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4	-11.12	0.01	-0.20	-0.122	0.000	-0.405
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-11.25	0.01	-0.20	-0.122	0.000	-0.405
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    18  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    75        ARK            RHD\_L\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.20	0.000	-0.000	-0.405
	-0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.213
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	-9.53	0.00	-0.20	-0.122	0.000	-0.405
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2	-9.53	0.00	-0.20	-0.122	0.000	-0.405
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3	-9.53	0.00	-0.20	-0.122	0.000	-0.405
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4	-9.53	0.00	-0.20	-0.122	0.000	-0.405
	0.00	0.00	-0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-9.66	0.00	-0.20	-0.122	0.000	-0.405
	0.00	0.00	-0.00	0.000	0.000	0.000
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R E S U L T S      --    Program ROHR2      /33.1    --    Page    19  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    77        ARK            RHDL\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.405
	-0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.213
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-7.93	-0.00	-0.20	-0.122	-0.000	-0.405
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2	-7.93	-0.00	-0.20	-0.122	-0.000	-0.405
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3	-7.93	-0.00	-0.20	-0.122	-0.000	-0.405
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4	-7.93	-0.00	-0.20	-0.122	-0.000	-0.405
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-8.06	-0.00	-0.20	-0.122	-0.000	-0.405
	-0.00	-0.00	-0.00	0.000	0.000	0.000
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R E S U L T S      --    Program ROHR2      /33.1    --    Page    20  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    79        ARK            RHD1\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.20	0.000	-0.000	-0.405
	-0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.213
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	-6.34	-0.00	-0.20	-0.122	-0.000	-0.405
	0.00	0.00	0.00	0.000	0.000	0.000
LC2	-6.34	-0.00	-0.20	-0.122	-0.000	-0.405
	0.00	0.00	0.00	0.000	0.000	0.000
LC3	-6.34	-0.00	-0.20	-0.122	-0.000	-0.405
	0.00	0.00	0.00	0.000	0.000	0.000
LC4	-6.34	-0.00	-0.20	-0.122	-0.000	-0.405
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.13	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-6.47	-0.00	-0.20	-0.122	-0.000	-0.405
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    21  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    81        ARK            RHD1\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.404
	-0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.212
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-4.76	-0.00	-0.20	-0.121	-0.000	-0.404
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2	-4.76	-0.00	-0.20	-0.121	-0.000	-0.404
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3	-4.76	-0.00	-0.20	-0.121	-0.000	-0.404
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4	-4.76	-0.00	-0.20	-0.121	-0.000	-0.404
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.13	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-4.89	-0.00	-0.20	-0.121	-0.000	-0.404
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    22  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    83        ARK            RHDL\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.21	0.000	-0.000	-0.412
	-0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.216
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	-3.17	-0.00	-0.21	-0.123	-0.000	-0.412
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2	-3.17	-0.00	-0.21	-0.123	-0.000	-0.412
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3	-3.17	-0.00	-0.21	-0.123	-0.000	-0.412
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4	-3.17	-0.00	-0.21	-0.123	-0.000	-0.412
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.13	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.13	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.13	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-3.30	-0.00	-0.21	-0.123	-0.000	-0.412
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    23  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    85        ARK            RHD\_L\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.19	0.000	0.000	-0.388
	-0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.10	0.000	0.000	-0.204
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-1.58	0.00	-0.19	-0.117	0.000	-0.388
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2	-1.58	0.00	-0.19	-0.117	0.000	-0.388
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3	-1.58	0.00	-0.19	-0.117	0.000	-0.388
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4	-1.58	0.00	-0.19	-0.117	0.000	-0.388
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.13	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.13	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.13	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.13	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-1.72	0.00	-0.19	-0.117	0.000	-0.388
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    24  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    87        AFK            RHDF\_07  
 Coordinate System of Support :      P1 = 61      P2 = 5      P3 = 8001  
 Xs= 0.707 -0.707 0.000 Ys= 0.707 0.707 -0.000 Zs= 0.000 0.000 1.000  
 Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.03	-0.028	0.000	-0.428
	0.00	-0.00	0.00	0.006	-0.000	0.000
DeadLoad -20	-0.00	0.00	-0.02	-0.014	0.000	-0.225
	0.00	-0.00	0.00	0.003	-0.000	0.000
LC1	0.00	-0.00	-0.03	0.035	-0.000	-0.428
	0.00	-0.00	-0.00	0.005	-0.000	-0.000
LC2	0.00	-0.00	-0.03	0.035	-0.000	-0.428
	0.00	-0.00	-0.00	0.005	-0.000	-0.000
LC3	0.00	-0.00	-0.03	0.035	-0.000	-0.428
	0.00	-0.00	-0.00	0.005	-0.000	-0.000
LC4	0.00	-0.00	-0.03	0.035	-0.000	-0.428
	0.00	-0.00	-0.00	0.005	-0.000	-0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	-0.000	-0.000
Wind_Y	-0.00	-0.00	0.00	-0.000	-0.000	0.000
	-0.00	0.00	0.00	-0.000	0.000	0.000
LC1.dyn	0.13	-0.00	-0.00	2.631	-0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	0.13	-0.00	-0.00	2.630	-0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	0.13	-0.00	-0.00	2.631	-0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	0.13	-0.00	-0.00	2.630	-0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	0.13	-0.00	-0.03	2.665	-0.000	-0.428
	0.00	-0.00	-0.00	0.006	-0.000	-0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    25  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    89        ARK            RHDL\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.19	0.000	0.000	-0.388
	-0.01	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.10	0.000	0.000	-0.204
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	1.58	-0.00	-0.19	0.117	-0.000	-0.388
	-0.01	0.00	-0.00	0.000	0.000	0.000
LC2	1.58	-0.00	-0.19	0.117	-0.000	-0.388
	-0.01	0.00	-0.00	0.000	0.000	0.000
LC3	1.58	-0.00	-0.19	0.117	-0.000	-0.388
	-0.01	0.00	-0.00	0.000	0.000	0.000
LC4	1.58	-0.00	-0.19	0.117	-0.000	-0.388
	-0.01	0.00	-0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.18	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.18	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.18	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.18	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	1.58	-0.00	-0.19	0.117	-0.000	-0.388
	-0.01	0.00	-0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    26  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    91        ARK            RHDL\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000 1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.21	0.000	-0.000	-0.412
	-0.01	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.216
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC1	3.16	-0.00	-0.21	0.123	-0.000	-0.412
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC2	3.16	-0.00	-0.21	0.123	-0.000	-0.412
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC3	3.16	-0.00	-0.21	0.123	-0.000	-0.412
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC4	3.16	-0.00	-0.21	0.123	-0.000	-0.412
	-0.01	-0.00	-0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.22	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.22	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.22	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.22	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	3.16	-0.00	-0.21	0.123	-0.000	-0.412
	-0.01	-0.00	-0.00	0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    27  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    93        ARK            RHD1\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.404
	-0.02	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.212
	-0.01	0.00	0.00	0.000	0.000	0.000
LC1	4.75	0.00	-0.20	0.121	0.000	-0.404
	-0.02	0.00	0.00	0.000	0.000	0.000
LC2	4.75	0.00	-0.20	0.121	0.000	-0.404
	-0.02	0.00	0.00	0.000	0.000	0.000
LC3	4.75	0.00	-0.20	0.121	0.000	-0.404
	-0.02	0.00	0.00	0.000	0.000	0.000
LC4	4.75	0.00	-0.20	0.121	0.000	-0.404
	-0.02	0.00	0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	4.75	0.00	-0.20	0.121	0.000	-0.404
	-0.02	0.00	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    28  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    95        ARK            RHD1\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.20	0.000	-0.000	-0.405
	-0.02	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.213
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC1	6.34	0.03	-0.20	0.122	0.001	-0.405
	-0.02	-0.00	0.00	0.000	0.000	0.000
LC2	6.34	0.03	-0.20	0.122	0.001	-0.405
	-0.02	-0.00	0.00	0.000	0.000	0.000
LC3	6.34	0.03	-0.20	0.122	0.001	-0.405
	-0.02	-0.00	0.00	0.000	0.000	0.000
LC4	6.34	0.03	-0.20	0.122	0.001	-0.405
	-0.02	-0.00	0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.31	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.31	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.31	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.31	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	6.34	0.03	-0.20	0.122	0.001	-0.405
	-0.02	-0.00	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    29  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    97        ARK            RHD\_L\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.405
	-0.03	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.213
	-0.01	0.00	0.00	0.000	0.000	0.000
LC1	7.93	0.08	-0.20	0.122	0.001	-0.405
	-0.03	0.00	0.00	0.000	0.000	0.000
LC2	7.93	0.08	-0.20	0.122	0.001	-0.405
	-0.03	0.00	0.00	0.000	0.000	0.000
LC3	7.93	0.08	-0.20	0.122	0.001	-0.405
	-0.03	0.00	0.00	0.000	0.000	0.000
LC4	7.93	0.08	-0.20	0.122	0.001	-0.405
	-0.03	0.00	0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.35	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.35	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.35	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.35	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	7.93	0.08	-0.20	0.122	0.001	-0.405
	-0.03	0.00	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    30  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    99        ARK            RHD\_L\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.20	0.000	-0.000	-0.405
	-0.03	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.213
	-0.02	0.00	-0.00	0.000	0.000	0.000
LC1	9.52	0.11	-0.20	0.122	0.001	-0.405
	-0.03	0.00	-0.00	0.000	0.000	0.000
LC2	9.52	0.11	-0.20	0.122	0.001	-0.405
	-0.03	0.00	-0.00	0.000	0.000	0.000
LC3	9.52	0.11	-0.20	0.122	0.001	-0.405
	-0.03	0.00	-0.00	0.000	0.000	0.000
LC4	9.52	0.11	-0.20	0.122	0.001	-0.405
	-0.03	0.00	-0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.40	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.40	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.40	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.40	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	9.52	0.11	-0.20	0.122	0.001	-0.405
	-0.03	0.00	-0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    31  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    101        ARK            RHD1\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.405
	-0.04	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.213
	-0.02	-0.00	0.00	0.000	0.000	0.000
LC1	11.11	-0.04	-0.20	0.122	-0.000	-0.405
	-0.04	-0.00	-0.01	0.000	0.000	0.000
LC2	11.11	-0.04	-0.20	0.122	-0.000	-0.405
	-0.04	-0.00	-0.01	0.000	0.000	0.000
LC3	11.11	-0.04	-0.20	0.122	-0.000	-0.405
	-0.04	-0.00	-0.01	0.000	0.000	0.000
LC4	11.11	-0.04	-0.20	0.122	-0.000	-0.405
	-0.04	-0.00	-0.01	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.44	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.44	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.44	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.44	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	11.11	-0.04	-0.20	0.122	-0.001	-0.405
	-0.04	-0.00	-0.01	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    32  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    103        ARK            RHD1\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.20	0.000	-0.000	-0.406
	-0.04	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.213
	-0.02	0.00	-0.00	0.000	0.000	0.000
LC1	12.71	-0.65	-0.20	0.121	-0.006	-0.406
	-0.04	0.00	-0.02	0.000	0.000	0.000
LC2	12.71	-0.65	-0.20	0.121	-0.006	-0.406
	-0.04	0.00	-0.02	0.000	0.000	0.000
LC3	12.71	-0.65	-0.20	0.121	-0.006	-0.406
	-0.04	0.00	-0.02	0.000	0.000	0.000
LC4	12.71	-0.65	-0.20	0.121	-0.006	-0.406
	-0.04	0.00	-0.02	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.48	0.00	-0.00	0.000	0.001	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.48	0.00	-0.00	0.000	0.001	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.48	0.00	-0.00	0.000	0.001	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.48	0.00	-0.00	0.000	0.001	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	12.71	-0.65	-0.20	0.121	-0.006	-0.406
	-0.04	0.00	-0.02	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    33  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    105        ARK            RHD\_L\_S\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.404
	-0.05	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.212
	-0.02	-0.00	0.00	0.000	0.000	0.000
LC1	14.31	-1.87	-0.20	0.120	-0.016	-0.404
	-0.05	-0.00	-0.03	0.000	0.000	0.000
LC2	14.31	-1.87	-0.20	0.120	-0.016	-0.404
	-0.05	-0.00	-0.03	0.000	0.000	0.000
LC3	14.31	-1.87	-0.20	0.120	-0.016	-0.404
	-0.05	-0.00	-0.03	0.000	0.000	0.000
LC4	14.31	-1.87	-0.20	0.120	-0.016	-0.404
	-0.05	-0.00	-0.03	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.53	-0.00	0.00	0.000	-0.004	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.53	-0.00	0.00	0.000	-0.004	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.53	-0.00	0.00	0.000	-0.004	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.53	-0.00	0.00	0.000	-0.004	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	14.31	-1.87	-0.20	0.120	-0.020	-0.404
	-0.05	-0.00	-0.03	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    34  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    107        ARK            RHD\_L\_S\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.21	0.000	-0.000	-0.414
	-0.05	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.11	0.000	-0.000	-0.217
	-0.03	0.00	-0.00	0.000	0.000	0.000
LC1	15.91	-3.21	-0.21	0.249	-0.417	-0.414
	-0.05	0.00	-0.02	0.000	0.000	0.000
LC2	15.91	-3.21	-0.21	0.249	-0.417	-0.414
	-0.05	0.00	-0.02	0.000	0.000	0.000
LC3	15.91	-3.21	-0.21	0.249	-0.417	-0.414
	-0.05	0.00	-0.02	0.000	0.000	0.000
LC4	15.91	-3.21	-0.21	0.249	-0.417	-0.414
	-0.05	0.00	-0.02	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.57	0.01	-0.00	0.000	0.021	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.57	0.01	-0.00	0.000	0.021	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.57	0.01	-0.00	0.000	0.021	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.57	0.01	-0.00	0.000	0.021	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	15.91	-3.21	-0.21	0.249	-0.417	-0.414
	-0.05	0.00	-0.02	0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    35  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    109        ARK            RHD\_L\_S\_08  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.18	0.000	0.000	-0.364
	-0.06	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.10	0.000	0.000	-0.191
	-0.03	-0.00	0.00	0.000	0.000	0.000
LC1	17.49	3.57	-0.18	0.452	1.142	-0.364
	-0.06	-0.00	0.41	0.000	0.000	0.000
LC2	17.49	3.57	-0.18	0.452	1.142	-0.364
	-0.06	-0.00	0.41	0.000	0.000	0.000
LC3	17.49	3.57	-0.18	0.452	1.142	-0.364
	-0.06	-0.00	0.41	0.000	0.000	0.000
LC4	17.49	3.57	-0.18	0.452	1.142	-0.364
	-0.06	-0.00	0.41	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.62	-0.02	0.00	0.000	-0.039	0.000
	-0.00	-0.00	-0.01	0.000	0.000	0.000
LC2.dyn	-0.62	-0.02	0.00	0.000	-0.039	0.000
	-0.00	-0.00	-0.01	0.000	0.000	0.000
LC3.dyn	-0.62	-0.02	0.00	0.000	-0.039	0.000
	-0.00	-0.00	-0.01	0.000	0.000	0.000
LC4.dyn	-0.62	-0.02	0.00	0.000	-0.039	0.000
	-0.00	-0.00	-0.01	0.000	0.000	0.000
-----						
Extreme value	17.49	3.57	-0.18	0.452	1.142	-0.364
	-0.06	-0.00	0.41	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    36  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    111        ARK            Rest Support  
 Coordinate System of Support :      P1 = 61      P2 = 63      P3 = 8002  
 Xs= -0.707   0.707   0.000 Ys= -0.707 -0.707 -0.000 Zs= -0.000 -0.000   1.000  
 Sliding support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.24	0.000	0.000	-0.474
	-0.06	0.02	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.12	0.000	0.000	-0.249
	-0.03	0.01	0.00	0.000	0.000	0.000
LC1	18.94	35.54	-0.24	0.067	0.126	-0.474
	-0.06	0.02	0.59	0.000	0.000	0.000
LC2	18.94	35.54	-0.24	0.067	0.126	-0.474
	-0.06	0.02	0.59	0.000	0.000	0.000
LC3	18.94	35.54	-0.24	0.067	0.126	-0.474
	-0.06	0.02	0.59	0.000	0.000	0.000
LC4	18.94	35.54	-0.24	0.067	0.126	-0.474
	-0.06	0.02	0.59	0.000	0.000	0.000
Wind_X	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.66	-0.81	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.02	0.000	0.000	0.000
LC2.dyn	-0.66	-0.82	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.02	0.000	0.000	0.000
LC3.dyn	-0.66	-0.81	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.02	0.000	0.000	0.000
LC4.dyn	-0.66	-0.82	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.02	0.000	0.000	0.000
-----						
Extreme value	18.94	35.54	-0.24	0.067	0.126	-0.474
	-0.06	0.02	0.59	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    37  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    113    AR            Rest Support  
 Support in Absolute Coordinate System

Sliding support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.23	0.000	0.000	-0.453
	0.01	-0.07	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.12	0.000	0.000	-0.238
	0.01	-0.03	-0.00	0.000	0.000	0.000
LC1	-33.95	-17.27	-0.23	-0.121	-0.062	-0.453
	0.01	-0.06	-0.59	0.000	0.000	0.000
LC2	-33.95	-17.27	-0.23	-0.121	-0.062	-0.453
	0.01	-0.06	-0.59	0.000	0.000	0.000
LC3	-33.95	-17.27	-0.23	-0.121	-0.062	-0.453
	0.01	-0.06	-0.59	0.000	0.000	0.000
LC4	-33.95	-17.27	-0.23	-0.121	-0.062	-0.453
	0.01	-0.06	-0.59	0.000	0.000	0.000
Wind_X	-0.00	-0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	0.85	0.27	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.02	0.000	0.000	0.000
LC2.dyn	0.86	0.27	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.02	0.000	0.000	0.000
LC3.dyn	0.85	0.27	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.02	0.000	0.000	0.000
LC4.dyn	0.86	0.27	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.02	0.000	0.000	0.000
-----						
Extreme value	-33.95	-17.27	-0.23	-0.121	-0.062	-0.453
	0.01	-0.07	-0.59	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    38  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    115      AR            RHD\_L\_S\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.19	-0.000	0.000	-0.375
	-0.00	-0.06	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.10	-0.000	0.000	-0.197
	-0.00	-0.03	-0.00	0.000	0.000	0.000
LC1	-3.50	-15.82	-0.19	-0.997	-0.412	-0.375
	-0.00	-0.06	-0.39	0.000	0.000	0.000
LC2	-3.50	-15.82	-0.19	-0.997	-0.412	-0.375
	-0.00	-0.06	-0.39	0.000	0.000	0.000
LC3	-3.50	-15.82	-0.19	-0.997	-0.412	-0.375
	-0.00	-0.06	-0.39	0.000	0.000	0.000
LC4	-3.50	-15.82	-0.19	-0.997	-0.412	-0.375
	-0.00	-0.06	-0.39	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	0.02	0.27	0.00	0.037	0.000	0.000
	-0.00	-0.00	0.01	0.000	0.000	0.000
LC2.dyn	0.02	0.27	0.00	0.038	0.000	0.000
	-0.00	-0.00	0.01	0.000	0.000	0.000
LC3.dyn	0.02	0.27	0.00	0.037	0.000	0.000
	-0.00	-0.00	0.01	0.000	0.000	0.000
LC4.dyn	0.02	0.27	0.00	0.038	0.000	0.000
	-0.00	-0.00	0.01	0.000	0.000	0.000
-----						
Extreme value	-3.50	-15.82	-0.19	-0.997	-0.412	-0.375
	-0.00	-0.06	-0.39	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    39  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    117    AR            RHD\_L\_S\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.21	0.000	0.000	-0.411
	0.00	-0.05	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.216
	0.00	-0.03	0.00	0.000	0.000	0.000
LC1	3.18	-14.23	-0.21	0.368	-0.234	-0.411
	0.00	-0.05	0.01	0.000	0.000	0.000
LC2	3.18	-14.23	-0.21	0.368	-0.234	-0.411
	0.00	-0.05	0.01	0.000	0.000	0.000
LC3	3.18	-14.23	-0.21	0.368	-0.234	-0.411
	0.00	-0.05	0.01	0.000	0.000	0.000
LC4	3.18	-14.23	-0.21	0.368	-0.234	-0.411
	0.00	-0.05	0.01	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.01	0.27	-0.00	-0.021	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.01	0.27	-0.00	-0.021	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.01	0.27	-0.00	-0.021	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.01	0.27	-0.00	-0.021	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	3.18	-14.23	-0.21	0.368	-0.234	-0.411
	0.00	-0.05	0.01	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    40  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    119    AR            RHDL\_S\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.20	-0.000	0.000	-0.404
	-0.00	-0.05	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	-0.000	0.000	-0.212
	-0.00	-0.02	-0.00	0.000	0.000	0.000
LC1	1.97	-12.63	-0.20	0.019	-0.120	-0.404
	-0.00	-0.05	0.03	0.000	0.000	0.000
LC2	1.97	-12.63	-0.20	0.019	-0.120	-0.404
	-0.00	-0.05	0.03	0.000	0.000	0.000
LC3	1.97	-12.63	-0.20	0.019	-0.120	-0.404
	-0.00	-0.05	0.03	0.000	0.000	0.000
LC4	1.97	-12.63	-0.20	0.019	-0.120	-0.404
	-0.00	-0.05	0.03	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.00	0.27	0.00	0.004	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	0.00	0.27	0.00	0.004	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	0.00	0.27	0.00	0.004	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	0.00	0.27	0.00	0.004	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	1.97	-12.63	-0.20	0.023	-0.120	-0.404
	-0.00	-0.05	0.03	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    41  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    121    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.405
	0.00	-0.04	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.213
	0.00	-0.02	0.00	0.000	0.000	0.000
LC1	0.70	-11.03	-0.20	0.008	-0.121	-0.405
	0.00	-0.04	0.02	0.000	0.000	0.000
LC2	0.70	-11.03	-0.20	0.008	-0.121	-0.405
	0.00	-0.04	0.02	0.000	0.000	0.000
LC3	0.70	-11.03	-0.20	0.008	-0.121	-0.405
	0.00	-0.04	0.02	0.000	0.000	0.000
LC4	0.70	-11.03	-0.20	0.008	-0.121	-0.405
	0.00	-0.04	0.02	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.27	-0.00	-0.001	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.00	0.28	-0.00	-0.001	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.00	0.27	-0.00	-0.001	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.00	0.28	-0.00	-0.001	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	0.70	-11.03	-0.20	0.008	-0.121	-0.405
	0.00	-0.04	0.02	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    42  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    123    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.20	-0.000	0.000	-0.405
	-0.00	-0.04	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	-0.000	0.000	-0.213
	-0.00	-0.02	-0.00	0.000	0.000	0.000
LC1	0.06	-9.43	-0.20	0.001	-0.122	-0.405
	-0.00	-0.04	0.01	0.000	0.000	0.000
LC2	0.06	-9.43	-0.20	0.001	-0.122	-0.405
	-0.00	-0.04	0.01	0.000	0.000	0.000
LC3	0.06	-9.43	-0.20	0.001	-0.122	-0.405
	-0.00	-0.04	0.01	0.000	0.000	0.000
LC4	0.06	-9.43	-0.20	0.001	-0.122	-0.405
	-0.00	-0.04	0.01	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.00	0.27	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	0.00	0.28	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	0.00	0.27	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	0.00	0.28	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	0.06	-9.43	-0.20	0.001	-0.122	-0.405
	-0.00	-0.04	0.01	0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    43  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    125    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.405
	0.00	-0.03	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.213
	0.00	-0.02	0.00	0.000	0.000	0.000
LC1	-0.10	-7.84	-0.20	-0.002	-0.122	-0.405
	0.00	-0.03	0.00	0.000	0.000	0.000
LC2	-0.10	-7.84	-0.20	-0.002	-0.122	-0.405
	0.00	-0.03	0.00	0.000	0.000	0.000
LC3	-0.10	-7.84	-0.20	-0.002	-0.122	-0.405
	0.00	-0.03	0.00	0.000	0.000	0.000
LC4	-0.10	-7.84	-0.20	-0.002	-0.122	-0.405
	0.00	-0.03	0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.27	-0.00	-0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.00	0.28	-0.00	-0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.00	0.27	-0.00	-0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.00	0.28	-0.00	-0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-0.10	-7.84	-0.20	-0.002	-0.122	-0.405
	0.00	-0.03	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    44  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    127    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.20	-0.000	0.000	-0.405
	-0.00	-0.03	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	-0.000	0.000	-0.213
	-0.00	-0.01	-0.00	0.000	0.000	0.000
LC1	-0.07	-6.25	-0.20	-0.001	-0.122	-0.405
	-0.00	-0.03	-0.00	0.000	0.000	0.000
LC2	-0.07	-6.25	-0.20	-0.001	-0.122	-0.405
	-0.00	-0.03	-0.00	0.000	0.000	0.000
LC3	-0.07	-6.25	-0.20	-0.001	-0.122	-0.405
	-0.00	-0.03	-0.00	0.000	0.000	0.000
LC4	-0.07	-6.25	-0.20	-0.001	-0.122	-0.405
	-0.00	-0.03	-0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.00	0.27	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	0.00	0.28	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	0.00	0.27	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	0.00	0.28	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-0.07	-6.25	-0.20	-0.001	-0.122	-0.405
	-0.00	-0.03	-0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    45  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    129    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.404
	0.00	-0.02	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.212
	0.00	-0.01	0.00	0.000	0.000	0.000
LC1	-0.02	-4.66	-0.20	-0.001	-0.121	-0.404
	0.00	-0.02	-0.00	0.000	0.000	0.000
LC2	-0.02	-4.66	-0.20	-0.001	-0.121	-0.404
	0.00	-0.02	-0.00	0.000	0.000	0.000
LC3	-0.02	-4.66	-0.20	-0.001	-0.121	-0.404
	0.00	-0.02	-0.00	0.000	0.000	0.000
LC4	-0.02	-4.66	-0.20	-0.001	-0.121	-0.404
	0.00	-0.02	-0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.27	-0.00	-0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.00	0.28	-0.00	-0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.00	0.27	-0.00	-0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.00	0.28	-0.00	-0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-0.02	-4.66	-0.20	-0.001	-0.121	-0.404
	0.00	-0.02	-0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    46  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    131    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.21	-0.000	0.000	-0.412
	-0.00	-0.01	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	-0.000	0.000	-0.216
	-0.00	-0.01	-0.00	0.000	0.000	0.000
LC1	0.00	-3.07	-0.21	0.000	-0.123	-0.412
	-0.00	-0.01	-0.00	0.000	0.000	0.000
LC2	0.00	-3.07	-0.21	0.000	-0.123	-0.412
	-0.00	-0.01	-0.00	0.000	0.000	0.000
LC3	0.00	-3.07	-0.21	0.000	-0.123	-0.412
	-0.00	-0.01	-0.00	0.000	0.000	0.000
LC4	0.00	-3.07	-0.21	0.000	-0.123	-0.412
	-0.00	-0.01	-0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.00	0.28	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	0.00	0.28	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	0.00	0.28	0.00	0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	0.00	0.28	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	0.00	-3.07	-0.21	0.000	-0.123	-0.412
	-0.00	-0.01	-0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    47  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    133    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.19	0.000	0.000	-0.388
	0.00	-0.01	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.10	0.000	0.000	-0.204
	0.00	-0.00	0.00	0.000	0.000	0.000
LC1	0.00	-1.48	-0.19	0.000	-0.117	-0.388
	0.00	-0.01	0.00	0.000	0.000	0.000
LC2	0.00	-1.48	-0.19	0.000	-0.117	-0.388
	0.00	-0.01	0.00	0.000	0.000	0.000
LC3	0.00	-1.48	-0.19	0.000	-0.117	-0.388
	0.00	-0.01	0.00	0.000	0.000	0.000
LC4	0.00	-1.48	-0.19	0.000	-0.117	-0.388
	0.00	-0.01	0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.28	-0.00	-0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.00	0.28	-0.00	-0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.00	0.28	-0.00	-0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.00	0.28	-0.00	-0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	0.00	-1.48	-0.19	0.000	-0.117	-0.388
	0.00	-0.01	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    48  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    135    AF            RHDF\_07  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.03	0.000	0.000	-0.428
	-0.00	-0.00	-0.00	-0.000	-0.004	-0.000
DeadLoad -20	0.00	0.00	-0.02	0.000	0.000	-0.225
	-0.00	-0.00	-0.00	-0.000	-0.002	-0.000
LC1	-0.00	0.10	-0.03	-0.000	2.039	-0.428
	-0.00	-0.00	0.00	-0.000	-0.004	0.000
LC2	-0.00	0.10	-0.03	-0.000	2.039	-0.428
	-0.00	-0.00	0.00	-0.000	-0.004	0.000
LC3	-0.00	0.10	-0.03	-0.000	2.039	-0.428
	-0.00	-0.00	0.00	-0.000	-0.004	0.000
LC4	-0.00	0.10	-0.03	-0.000	2.039	-0.428
	-0.00	-0.00	0.00	-0.000	-0.004	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	-0.000	0.000
	0.00	-0.00	0.00	0.000	-0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.00	-0.000	0.000	-0.000
LC1.dyn	0.00	0.28	0.00	0.000	5.535	0.000
	-0.00	-0.00	0.00	-0.000	-0.000	0.000
LC2.dyn	0.00	0.28	0.00	0.000	5.634	0.000
	-0.00	-0.00	0.00	-0.000	-0.000	0.000
LC3.dyn	0.00	0.28	0.00	0.000	5.535	0.000
	-0.00	-0.00	0.00	-0.000	-0.000	0.000
LC4.dyn	0.00	0.28	0.00	0.000	5.634	0.000
	-0.00	-0.00	0.00	-0.000	-0.000	0.000
-----						
Extreme value	-0.00	0.38	-0.03	-0.000	7.673	-0.428
	-0.00	-0.00	0.00	-0.000	-0.004	0.000
-----						
Allowable loads:				10.000	30.000	10.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    49  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    137    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.19	-0.000	0.000	-0.388
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.10	-0.000	0.000	-0.204
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	0.00	1.72	-0.19	0.000	0.117	-0.388
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2	0.00	1.72	-0.19	0.000	0.117	-0.388
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3	0.00	1.72	-0.19	0.000	0.117	-0.388
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4	0.00	1.72	-0.19	0.000	0.117	-0.388
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.00	0.37	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.00	0.38	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.00	0.37	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.00	0.38	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	0.00	2.10	-0.19	0.000	0.117	-0.388
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    50  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    139    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.21	0.000	0.000	-0.412
	0.00	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.216
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1	0.03	3.34	-0.21	0.001	0.123	-0.412
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2	0.03	3.34	-0.21	0.001	0.123	-0.412
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3	0.03	3.34	-0.21	0.001	0.123	-0.412
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4	0.03	3.34	-0.21	0.001	0.123	-0.412
	0.00	0.00	-0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.46	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.00	0.47	0.00	-0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.00	0.46	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.00	0.47	0.00	-0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	0.03	3.81	-0.21	0.001	0.123	-0.412
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    51  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    141        AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.20	-0.000	0.000	-0.404
	-0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	-0.000	0.000	-0.212
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	0.08	4.96	-0.20	0.002	0.121	-0.404
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2	0.08	4.96	-0.20	0.002	0.121	-0.404
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3	0.08	4.96	-0.20	0.002	0.121	-0.404
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4	0.08	4.96	-0.20	0.002	0.121	-0.404
	-0.00	0.00	-0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.00	0.56	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.00	0.57	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.00	0.56	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.00	0.57	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	0.08	5.53	-0.20	0.002	0.121	-0.404
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    52  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    143    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.405
	0.00	0.01	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.213
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1	0.05	6.59	-0.20	0.001	0.122	-0.405
	0.00	0.01	0.00	0.000	0.000	0.000
LC2	0.05	6.59	-0.20	0.001	0.122	-0.405
	0.00	0.01	0.00	0.000	0.000	0.000
LC3	0.05	6.59	-0.20	0.001	0.122	-0.405
	0.00	0.01	0.00	0.000	0.000	0.000
LC4	0.05	6.59	-0.20	0.001	0.122	-0.405
	0.00	0.01	0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.65	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.00	0.66	0.00	-0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.00	0.65	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.00	0.66	0.00	-0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	0.05	7.25	-0.20	0.001	0.122	-0.405
	0.00	0.01	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    53  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    145    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.20	-0.000	0.000	-0.405
	-0.00	0.01	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	-0.000	0.000	-0.213
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	-0.30	8.21	-0.20	-0.005	0.121	-0.405
	-0.00	0.01	0.01	0.000	0.000	0.000
LC2	-0.30	8.21	-0.20	-0.005	0.121	-0.405
	-0.00	0.01	0.01	0.000	0.000	0.000
LC3	-0.30	8.21	-0.20	-0.005	0.121	-0.405
	-0.00	0.01	0.01	0.000	0.000	0.000
LC4	-0.30	8.21	-0.20	-0.005	0.121	-0.405
	-0.00	0.01	0.01	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	0.00	0.74	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.00	0.76	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.00	0.74	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.00	0.76	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-0.30	8.97	-0.20	-0.005	0.121	-0.405
	-0.00	0.01	0.01	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    54  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    147    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.405
	-0.00	0.01	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.213
	-0.00	0.01	-0.00	0.000	0.000	0.000
LC1	-1.24	9.84	-0.20	-0.015	0.121	-0.405
	-0.00	0.01	0.02	0.000	0.000	0.000
LC2	-1.24	9.84	-0.20	-0.015	0.121	-0.405
	-0.00	0.01	0.02	0.000	0.000	0.000
LC3	-1.24	9.84	-0.20	-0.015	0.121	-0.405
	-0.00	0.01	0.02	0.000	0.000	0.000
LC4	-1.24	9.84	-0.20	-0.015	0.121	-0.405
	-0.00	0.01	0.02	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.83	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.00	0.85	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.00	0.83	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.00	0.85	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-1.24	10.69	-0.20	-0.015	0.121	-0.405
	-0.00	0.01	0.02	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    55  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    149    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.20	-0.000	0.000	-0.405
	0.00	0.01	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	-0.000	0.000	-0.212
	0.00	0.01	0.00	0.000	0.000	0.000
LC1	-2.50	11.47	-0.20	-0.026	0.119	-0.405
	0.00	0.01	0.02	0.000	0.000	0.000
LC2	-2.50	11.47	-0.20	-0.026	0.119	-0.405
	0.00	0.01	0.02	0.000	0.000	0.000
LC3	-2.50	11.47	-0.20	-0.026	0.119	-0.405
	0.00	0.01	0.02	0.000	0.000	0.000
LC4	-2.50	11.47	-0.20	-0.026	0.119	-0.405
	0.00	0.01	0.02	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	0.00	0.93	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.00	0.94	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.00	0.93	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.00	0.94	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-2.50	12.42	-0.20	-0.026	0.119	-0.405
	0.00	0.01	0.02	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    56  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    151    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.20	0.000	0.000	-0.409
	-0.00	0.02	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.215
	-0.00	0.01	-0.00	0.000	0.000	0.000
LC1	-2.37	13.10	-0.20	-0.022	0.121	-0.409
	-0.00	0.02	-0.04	0.000	0.000	0.000
LC2	-2.37	13.10	-0.20	-0.022	0.121	-0.409
	-0.00	0.02	-0.04	0.000	0.000	0.000
LC3	-2.37	13.10	-0.20	-0.022	0.121	-0.409
	-0.00	0.02	-0.04	0.000	0.000	0.000
LC4	-2.37	13.10	-0.20	-0.022	0.121	-0.409
	-0.00	0.02	-0.04	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	-0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	1.02	0.00	-0.002	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.00	1.04	0.00	-0.002	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.00	1.02	0.00	-0.002	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.00	1.04	0.00	-0.002	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-2.37	14.14	-0.20	-0.024	0.121	-0.409
	-0.00	0.02	-0.04	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    57  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    153    AR            RHDL\_S\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.19	-0.000	0.000	-0.387
	0.00	0.02	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.10	-0.000	0.000	-0.203
	0.00	0.01	0.00	0.000	0.000	0.000
LC1	3.12	14.73	-0.19	0.244	0.189	-0.387
	0.00	0.02	-0.19	0.000	0.000	0.000
LC2	3.12	14.73	-0.19	0.244	0.189	-0.387
	0.00	0.02	-0.19	0.000	0.000	0.000
LC3	3.12	14.73	-0.19	0.244	0.189	-0.387
	0.00	0.02	-0.19	0.000	0.000	0.000
LC4	3.12	14.73	-0.19	0.244	0.189	-0.387
	0.00	0.02	-0.19	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	0.00	1.11	-0.00	0.007	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.00	1.13	-0.00	0.008	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.00	1.11	-0.00	0.007	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.00	1.13	-0.00	0.008	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	3.13	15.86	-0.19	0.252	0.189	-0.387
	0.00	0.02	-0.19	0.000	0.000	0.000
-----						
Allowable loads:				3.200	9.000	12.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    58  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    155    AR            Rest Support  
 Support in Absolute Coordinate System

Sliding support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.21	0.000	0.000	-0.429
	-0.01	0.02	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	0.000	0.000	-0.225
	-0.00	0.01	0.00	0.000	0.000	0.000
LC1	15.86	16.34	-0.21	0.090	0.092	-0.429
	-0.01	0.02	-0.24	0.000	0.000	0.000
LC2	15.86	16.34	-0.21	0.090	0.092	-0.429
	-0.01	0.02	-0.24	0.000	0.000	0.000
LC3	15.86	16.34	-0.21	0.090	0.092	-0.429
	-0.01	0.02	-0.24	0.000	0.000	0.000
LC4	15.86	16.34	-0.21	0.090	0.092	-0.429
	-0.01	0.02	-0.24	0.000	0.000	0.000
Wind_X	0.00	-0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	0.01	1.21	0.00	0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	0.01	1.23	0.00	0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	0.01	1.21	0.00	0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	0.01	1.23	0.00	0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	15.87	17.57	-0.21	0.090	0.092	-0.429
	-0.01	0.02	-0.24	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.700
				0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    59  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    157    AR            Rest Support  
 Support in Absolute Coordinate System

Sliding support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.21	0.000	0.000	-0.429
	-0.01	0.01	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.11	0.000	0.000	-0.225
	-0.01	0.00	0.00	0.000	0.000	0.000
LC1	19.67	15.10	-0.21	0.102	0.078	-0.429
	-0.01	0.01	0.20	0.000	0.000	0.000
LC2	19.67	15.10	-0.21	0.102	0.078	-0.429
	-0.01	0.01	0.20	0.000	0.000	0.000
LC3	19.67	15.10	-0.21	0.102	0.078	-0.429
	-0.01	0.01	0.20	0.000	0.000	0.000
LC4	19.67	15.10	-0.21	0.102	0.078	-0.429
	-0.01	0.01	0.20	0.000	0.000	0.000
Wind_X	0.00	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.26	0.83	0.00	0.000	0.000	0.000
	0.00	-0.00	0.02	0.000	0.000	0.000
LC2.dyn	-0.27	0.85	0.00	0.000	0.000	0.000
	0.00	-0.00	0.02	0.000	0.000	0.000
LC3.dyn	-0.26	0.83	0.00	0.000	0.000	0.000
	0.00	-0.00	0.02	0.000	0.000	0.000
LC4.dyn	-0.27	0.85	0.00	0.000	0.000	0.000
	0.00	-0.00	0.02	0.000	0.000	0.000
-----						
Extreme value	19.67	15.94	-0.21	0.102	0.078	-0.429
	-0.01	0.01	0.22	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.700
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    60  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    159    AR            RHDL\_S\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.19	0.000	-0.000	-0.383
	-0.01	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.10	0.000	-0.000	-0.201
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	18.06	3.14	-0.19	0.196	0.271	-0.383
	-0.01	-0.00	0.19	0.000	0.000	0.000
LC2	18.06	3.14	-0.19	0.196	0.271	-0.383
	-0.01	-0.00	0.19	0.000	0.000	0.000
LC3	18.06	3.14	-0.19	0.196	0.271	-0.383
	-0.01	-0.00	0.19	0.000	0.000	0.000
LC4	18.06	3.14	-0.19	0.196	0.271	-0.383
	-0.01	-0.00	0.19	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.26	0.02	-0.00	0.000	0.031	-0.000
	0.00	0.00	0.01	0.000	0.000	0.000
LC2.dyn	-0.27	0.02	-0.00	0.000	0.032	-0.000
	0.00	0.00	0.01	0.000	0.000	0.000
LC3.dyn	-0.26	0.02	-0.00	0.000	0.031	-0.000
	0.00	0.00	0.01	0.000	0.000	0.000
LC4.dyn	-0.27	0.02	-0.00	0.000	0.032	-0.000
	0.00	0.00	0.01	0.000	0.000	0.000
-----						
Extreme value	18.06	3.15	-0.19	0.196	0.302	-0.383
	-0.01	-0.00	0.20	0.000	0.000	0.000
-----						
Allowable loads:				3.200	9.000	12.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    61  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    161    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	0.00	-0.20	0.000	0.000	-0.410
	-0.01	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	0.000	0.000	-0.215
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	16.43	-2.50	-0.20	0.122	-0.018	-0.410
	-0.01	0.00	0.04	0.000	0.000	0.000
LC2	16.43	-2.50	-0.20	0.122	-0.018	-0.410
	-0.01	0.00	0.04	0.000	0.000	0.000
LC3	16.43	-2.50	-0.20	0.122	-0.018	-0.410
	-0.01	0.00	0.04	0.000	0.000	0.000
LC4	16.43	-2.50	-0.20	0.122	-0.018	-0.410
	-0.01	0.00	0.04	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.26	-0.01	0.00	0.000	-0.020	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.27	-0.01	0.00	0.000	-0.020	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.26	-0.01	0.00	0.000	-0.020	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.27	-0.01	0.00	0.000	-0.020	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	16.43	-2.51	-0.20	0.122	-0.038	-0.410
	-0.01	0.00	0.04	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    62  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    163    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.20	0.000	-0.000	-0.405
	-0.01	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.11	0.000	-0.000	-0.212
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	14.80	-2.80	-0.20	0.119	-0.023	-0.405
	-0.01	-0.00	-0.02	0.000	0.000	0.000
LC2	14.80	-2.80	-0.20	0.119	-0.023	-0.405
	-0.01	-0.00	-0.02	0.000	0.000	0.000
LC3	14.80	-2.80	-0.20	0.119	-0.023	-0.405
	-0.01	-0.00	-0.02	0.000	0.000	0.000
LC4	14.80	-2.80	-0.20	0.119	-0.023	-0.405
	-0.01	-0.00	-0.02	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.26	0.00	-0.00	0.000	0.004	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.27	0.00	-0.00	0.000	0.004	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.26	0.00	-0.00	0.000	0.004	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.27	0.00	-0.00	0.000	0.004	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	14.80	-2.80	-0.20	0.119	-0.023	-0.405
	-0.01	-0.00	-0.02	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    63  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    165    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	0.00	-0.20	0.000	0.000	-0.405
	-0.01	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	0.000	0.000	-0.213
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	13.17	-1.53	-0.20	0.121	-0.014	-0.405
	-0.01	0.00	-0.03	0.000	0.000	0.000
LC2	13.17	-1.53	-0.20	0.121	-0.014	-0.405
	-0.01	0.00	-0.03	0.000	0.000	0.000
LC3	13.17	-1.53	-0.20	0.121	-0.014	-0.405
	-0.01	0.00	-0.03	0.000	0.000	0.000
LC4	13.17	-1.53	-0.20	0.121	-0.014	-0.405
	-0.01	0.00	-0.03	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.26	-0.00	0.00	0.000	-0.001	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.27	-0.00	0.00	0.000	-0.001	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.26	-0.00	0.00	0.000	-0.001	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.27	-0.00	0.00	0.000	-0.001	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	13.17	-1.53	-0.20	0.121	-0.015	-0.405
	-0.01	0.00	-0.03	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    64  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    167    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.21	0.000	-0.000	-0.414
	-0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.11	0.000	-0.000	-0.217
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	11.54	-0.49	-0.21	0.124	-0.005	-0.414
	-0.00	-0.00	-0.01	0.000	0.000	0.000
LC2	11.54	-0.49	-0.21	0.124	-0.005	-0.414
	-0.00	-0.00	-0.01	0.000	0.000	0.000
LC3	11.54	-0.49	-0.21	0.124	-0.005	-0.414
	-0.00	-0.00	-0.01	0.000	0.000	0.000
LC4	11.54	-0.49	-0.21	0.124	-0.005	-0.414
	-0.00	-0.00	-0.01	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.26	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.27	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.26	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.27	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	11.54	-0.49	-0.21	0.124	-0.005	-0.414
	-0.00	-0.00	-0.01	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    65  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    169    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	0.00	-0.24	0.000	0.000	-0.581
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.12	0.000	0.000	-0.297
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	9.91	-0.07	-0.24	0.174	-0.001	-0.581
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2	9.91	-0.07	-0.24	0.174	-0.001	-0.581
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3	9.91	-0.07	-0.24	0.174	-0.001	-0.581
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4	9.91	-0.07	-0.24	0.174	-0.001	-0.581
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.27	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.27	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	9.91	-0.07	-0.24	0.174	-0.001	-0.581
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    66  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    171    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.24	0.000	-0.000	-0.589
	-0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.12	0.000	-0.000	-0.300
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	8.28	0.05	-0.24	0.177	0.001	-0.589
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2	8.28	0.05	-0.24	0.177	0.001	-0.589
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3	8.28	0.05	-0.24	0.177	0.001	-0.589
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4	8.28	0.05	-0.24	0.177	0.001	-0.589
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.26	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.27	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.26	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.27	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	8.28	0.05	-0.24	0.177	0.001	-0.589
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    67  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    173    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	0.00	-0.24	0.000	0.000	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.12	0.000	0.000	-0.301
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	6.65	0.05	-0.24	0.177	0.001	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2	6.65	0.05	-0.24	0.177	0.001	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3	6.65	0.05	-0.24	0.177	0.001	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4	6.65	0.05	-0.24	0.177	0.001	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.27	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.27	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	6.65	0.05	-0.24	0.177	0.001	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    68  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    175      AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.24	0.000	-0.000	-0.588
	-0.00	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.12	0.000	-0.000	-0.299
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1	5.02	0.02	-0.24	0.176	0.001	-0.588
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2	5.02	0.02	-0.24	0.176	0.001	-0.588
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3	5.02	0.02	-0.24	0.176	0.001	-0.588
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4	5.02	0.02	-0.24	0.176	0.001	-0.588
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.26	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.27	0.00	0.00	0.000	0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.26	0.00	0.00	0.000	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.27	0.00	0.00	0.000	0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	5.02	0.02	-0.24	0.176	0.001	-0.588
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    69  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    177    AR        RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.24	0.000	-0.000	-0.602
	-0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.12	0.000	-0.000	-0.307
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	3.40	0.00	-0.24	0.181	0.000	-0.602
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2	3.40	0.00	-0.24	0.181	0.000	-0.602
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3	3.40	0.00	-0.24	0.181	0.000	-0.602
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4	3.40	0.00	-0.24	0.181	0.000	-0.602
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.26	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.27	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.26	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.27	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	3.40	0.00	-0.24	0.181	0.000	-0.602
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    70  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    179    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	0.00	-0.22	0.000	0.000	-0.553
	-0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	0.000	0.000	-0.281
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	1.78	-0.00	-0.22	0.166	-0.000	-0.553
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2	1.78	-0.00	-0.22	0.166	-0.000	-0.553
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3	1.78	-0.00	-0.22	0.166	-0.000	-0.553
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4	1.78	-0.00	-0.22	0.166	-0.000	-0.553
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.26	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	1.78	-0.00	-0.22	0.166	-0.000	-0.553
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    71  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    181    AF            RHDF\_07  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.05	-0.119	-0.000	-0.641
	-0.00	-0.00	-0.00	-0.001	-0.000	-0.000
DeadLoad -20	-0.00	-0.00	-0.02	-0.060	-0.000	-0.327
	-0.00	-0.00	-0.00	-0.001	-0.000	-0.000
LC1	0.16	-0.00	-0.05	3.144	-0.000	-0.641
	-0.00	-0.00	-0.00	-0.001	-0.000	-0.000
LC2	0.16	-0.00	-0.05	3.144	-0.000	-0.641
	-0.00	-0.00	-0.00	-0.001	-0.000	-0.000
LC3	0.16	-0.00	-0.05	3.144	-0.000	-0.641
	-0.00	-0.00	-0.00	-0.001	-0.000	-0.000
LC4	0.16	-0.00	-0.05	3.144	-0.000	-0.641
	-0.00	-0.00	-0.00	-0.001	-0.000	-0.000
Wind_X	0.00	0.00	-0.00	0.001	0.000	-0.000
	0.00	-0.00	-0.00	0.000	-0.000	-0.000
Wind_Y	-0.00	-0.00	0.00	-0.000	-0.000	0.000
	-0.00	0.00	0.00	-0.000	0.000	0.000
LC1.dyn	-0.26	0.00	-0.00	-5.200	0.000	-0.000
	0.00	-0.00	0.00	0.000	-0.000	0.000
LC2.dyn	-0.26	0.00	-0.00	-5.298	0.000	-0.000
	0.00	-0.00	0.00	0.000	-0.000	0.000
LC3.dyn	-0.26	0.00	-0.00	-5.200	0.000	-0.000
	0.00	-0.00	0.00	0.000	-0.000	0.000
LC4.dyn	-0.26	0.00	-0.00	-5.298	0.000	-0.000
	0.00	-0.00	0.00	0.000	-0.000	0.000
-----						
Extreme value	-0.27	-0.00	-0.05	-5.417	-0.000	-0.641
	-0.00	-0.00	-0.00	-0.001	-0.000	-0.000
-----						
Allowable loads:				30.000	10.000	10.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    72  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    183    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	0.00	-0.22	0.000	0.000	-0.553
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.11	0.000	0.000	-0.281
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	-1.43	0.00	-0.22	-0.166	0.000	-0.553
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2	-1.43	0.00	-0.22	-0.166	0.000	-0.553
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3	-1.43	0.00	-0.22	-0.166	0.000	-0.553
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4	-1.43	0.00	-0.22	-0.166	0.000	-0.553
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.32	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.33	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.32	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.33	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-1.75	0.00	-0.22	-0.166	0.000	-0.553
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    73  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    185        AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.24	0.000	-0.000	-0.602
	-0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.12	0.000	-0.000	-0.307
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	-3.01	0.00	-0.24	-0.181	0.000	-0.602
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2	-3.01	0.00	-0.24	-0.181	0.000	-0.602
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3	-3.01	0.00	-0.24	-0.181	0.000	-0.602
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4	-3.01	0.00	-0.24	-0.181	0.000	-0.602
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.38	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.39	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.38	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.39	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-3.40	0.00	-0.24	-0.181	0.000	-0.602
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    74  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    187    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.24	0.000	-0.000	-0.588
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	-0.00	-0.12	0.000	-0.000	-0.299
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	-4.60	0.00	-0.24	-0.176	0.000	-0.588
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2	-4.60	0.00	-0.24	-0.176	0.000	-0.588
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3	-4.60	0.00	-0.24	-0.176	0.000	-0.588
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4	-4.60	0.00	-0.24	-0.176	0.000	-0.588
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.44	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.45	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.44	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.45	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-5.05	0.00	-0.24	-0.176	0.000	-0.588
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    75  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    189        AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	0.00	-0.24	0.000	0.000	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	0.00	-0.12	0.000	0.000	-0.300
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	-6.19	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2	-6.19	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
LC3	-6.19	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4	-6.19	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.51	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.51	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.51	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.51	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-6.70	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    76  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    191    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.00	-0.24	0.000	-0.000	-0.590
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	-0.00	-0.12	0.000	-0.000	-0.300
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	-7.78	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2	-7.78	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3	-7.78	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4	-7.78	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.57	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.58	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.57	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.58	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-8.36	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    77  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    193    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	0.00	-0.24	0.000	0.000	-0.590
	-0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	0.00	-0.12	0.000	0.000	-0.300
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-9.37	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2	-9.37	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3	-9.37	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4	-9.37	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	-0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.63	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.64	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.63	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.64	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-10.01	-0.00	-0.24	-0.177	-0.000	-0.590
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    78  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    195    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.02	-0.00	-0.24	0.000	-0.000	-0.590
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	-0.00	-0.12	0.000	-0.000	-0.300
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	-10.97	0.00	-0.24	-0.177	0.000	-0.590
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2	-10.97	0.00	-0.24	-0.177	0.000	-0.590
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3	-10.97	0.00	-0.24	-0.177	0.000	-0.590
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4	-10.97	0.00	-0.24	-0.177	0.000	-0.590
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.69	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.70	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.69	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.70	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-11.67	0.00	-0.24	-0.177	0.000	-0.590
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    79  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    197    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.02	-0.00	-0.24	0.000	-0.000	-0.590
	-0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	-0.00	-0.12	0.000	-0.000	-0.300
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1	-12.56	0.00	-0.24	-0.176	0.000	-0.588
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2	-12.56	0.00	-0.24	-0.176	0.000	-0.588
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3	-12.56	0.00	-0.24	-0.176	0.000	-0.588
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4	-12.56	0.00	-0.24	-0.176	0.000	-0.588
	-0.00	0.00	-0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.75	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.76	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.75	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.76	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-13.33	0.00	-0.24	-0.176	0.000	-0.590
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    80  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    199    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.02	0.00	-0.24	0.000	0.000	-0.589
	-0.00	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	0.00	-0.12	0.000	0.000	-0.300
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1	-14.16	0.00	-0.24	-0.178	0.000	-0.592
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2	-14.16	0.00	-0.24	-0.178	0.000	-0.592
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3	-14.16	0.00	-0.24	-0.178	0.000	-0.592
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4	-14.16	0.00	-0.24	-0.178	0.000	-0.592
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.81	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.83	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.81	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.83	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-14.99	0.00	-0.24	-0.178	0.000	-0.592
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    81  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    201    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.02	-0.00	-0.24	0.000	-0.000	-0.596
	-0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	-0.00	-0.12	0.000	-0.000	-0.303
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	-15.77	0.00	-0.26	-0.195	0.000	-0.649
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC2	-15.77	0.00	-0.26	-0.195	0.000	-0.649
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC3	-15.77	0.00	-0.26	-0.195	0.000	-0.649
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC4	-15.77	0.00	-0.26	-0.195	0.000	-0.649
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.87	0.00	-0.00	0.000	0.000	-0.003
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.89	0.00	-0.00	0.000	0.000	-0.003
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.87	0.00	-0.00	0.000	0.000	-0.003
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.89	0.00	-0.00	0.000	0.000	-0.003
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-16.66	0.00	-0.26	-0.195	0.000	-0.652
	-0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    82  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    203    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX PX mm deg	WY PY mm deg	WZ PZ mm deg	AQX AMX kN kNm	AQY AMY kN kNm	AQZ AMZ kN kNm
DeadLoad	-0.02 -0.00	0.00 0.00	-0.22 -0.00	0.000 0.000	0.000 0.000	-0.544 0.000
DeadLoad -20	-0.01 -0.00	0.00 0.00	-0.11 -0.00	0.000 0.000	0.000 0.000	-0.277 0.000
LC1	-17.37 -0.00	0.00 0.03	0.19 0.00	0.000 0.000	0.000 0.000	0.000 0.000
LC2	-17.37 -0.00	0.00 0.03	0.19 0.00	0.000 0.000	0.000 0.000	0.000 0.000
LC3	-17.37 -0.00	0.00 0.03	0.19 0.00	0.000 0.000	0.000 0.000	0.000 0.000
LC4	-17.37 -0.00	0.00 0.03	0.19 0.00	0.000 0.000	0.000 0.000	0.000 0.000
Wind_X	0.00 0.00	-0.00 0.00	0.00 0.00	0.000 0.000	-0.000 0.000	0.000 0.000
Wind_Y	-0.00 -0.00	0.00 -0.00	-0.00 -0.00	0.000 0.000	0.000 0.000	-0.000 0.000
LC1.dyn	-0.93 0.00	-0.00 0.00	0.01 0.00	0.000 0.000	-0.000 0.000	0.019 0.000
LC2.dyn	-0.95 0.00	-0.00 0.00	0.01 0.00	0.000 0.000	-0.000 0.000	0.020 0.000
LC3.dyn	-0.93 0.00	-0.00 0.00	0.01 0.00	0.000 0.000	-0.000 0.000	0.019 0.000
LC4.dyn	-0.95 0.00	-0.00 0.00	0.01 0.00	0.000 0.000	-0.000 0.000	0.020 0.000
-----						
Extreme value	-18.32 -0.00	0.00 0.03	-0.22 0.00	0.000 0.000	0.000 0.000	-0.544 0.000
-----						
Allowable loads:				0.300 0.000	0.300 0.000	1.610 0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    83  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    205    AR            RHD\_L\_S\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.02	-0.00	-0.31	0.000	-0.000	-0.770
	-0.00	-0.01	0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	-0.00	-0.16	0.000	-0.000	-0.393
	-0.00	-0.01	0.00	0.000	0.000	0.000
LC1	-18.97	-0.00	-0.97	-0.719	-0.000	-2.396
	-0.00	-0.15	0.00	0.000	0.000	0.000
LC2	-18.97	-0.00	-0.97	-0.719	-0.000	-2.396
	-0.00	-0.15	0.00	0.000	0.000	0.000
LC3	-18.97	-0.00	-0.97	-0.719	-0.000	-2.396
	-0.00	-0.15	0.00	0.000	0.000	0.000
LC4	-18.97	-0.00	-0.97	-0.719	-0.000	-2.396
	-0.00	-0.15	0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-1.00	0.00	-0.02	0.000	0.000	-0.056
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-1.01	0.00	-0.02	0.000	0.000	-0.057
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-1.00	0.00	-0.02	0.000	0.000	-0.056
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-1.01	0.00	-0.02	0.000	0.000	-0.057
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-19.99	-0.00	-0.99	-0.719	-0.000	-2.453
	-0.00	-0.15	0.00	0.000	0.000	0.000
-----						
Allowable loads:				9.000	3.200	12.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    84  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    209    AR            RHD\_L\_S\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	0.00	-0.23	0.000	0.000	-0.567
	0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.01	0.00	-0.12	0.000	0.000	-0.289
	0.00	-0.00	0.00	0.000	0.000	0.000
LC1	7.88	0.00	3.85	0.630	0.000	2.100
	-0.00	-0.13	0.00	0.000	0.000	0.000
LC2	7.88	0.00	3.85	0.630	0.000	2.100
	-0.00	-0.13	0.00	0.000	0.000	0.000
LC3	7.88	0.00	3.85	0.630	0.000	2.100
	-0.00	-0.13	0.00	0.000	0.000	0.000
LC4	7.88	0.00	3.85	0.630	0.000	2.100
	-0.00	-0.13	0.00	0.000	0.000	0.000
Wind_X	0.01	-0.00	0.00	0.000	-0.000	0.001
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.05	-0.00	0.05	0.000	-0.000	0.133
	0.00	-0.01	-0.00	0.000	0.000	0.000
LC2.dyn	-0.05	-0.00	0.05	0.000	-0.000	0.135
	0.00	-0.01	-0.00	0.000	0.000	0.000
LC3.dyn	-0.05	-0.00	0.05	0.000	-0.000	0.133
	0.00	-0.01	-0.00	0.000	0.000	0.000
LC4.dyn	-0.05	-0.00	0.05	0.000	-0.000	0.135
	0.00	-0.01	-0.00	0.000	0.000	0.000
-----						
Extreme value	7.89	0.00	3.90	0.630	0.000	2.235
	-0.00	-0.14	0.00	0.000	0.000	0.000
-----						
Allowable loads:				9.000	3.200	12.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    85  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    211    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	-0.00	-0.25	0.000	-0.000	-0.606
	0.00	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.01	-0.00	-0.12	0.000	-0.000	-0.308
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1	6.28	0.00	-0.20	0.150	0.000	-0.500
	-0.00	-0.03	0.00	0.000	0.000	0.000
LC2	6.28	0.00	-0.20	0.150	0.000	-0.500
	-0.00	-0.03	0.00	0.000	0.000	0.000
LC3	6.28	0.00	-0.20	0.150	0.000	-0.500
	-0.00	-0.03	0.00	0.000	0.000	0.000
LC4	6.28	0.00	-0.20	0.150	0.000	-0.500
	-0.00	-0.03	0.00	0.000	0.000	0.000
Wind_X	0.01	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.05	0.00	-0.01	0.000	0.000	-0.017
	0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.05	0.00	-0.01	0.000	0.000	-0.018
	0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.05	0.00	-0.01	0.000	0.000	-0.017
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.05	0.00	-0.01	0.000	0.000	-0.018
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	6.28	0.00	-0.25	0.150	-0.000	-0.623
	-0.00	-0.03	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    86  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    213        AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	0.00	-0.24	0.000	0.000	-0.585
	0.00	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.12	0.000	0.000	-0.298
	0.00	-0.00	0.00	0.000	0.000	0.000
LC1	4.68	-0.00	-0.30	0.220	-0.000	-0.733
	-0.00	0.01	0.00	0.000	0.000	0.000
LC2	4.68	-0.00	-0.30	0.220	-0.000	-0.733
	-0.00	0.01	0.00	0.000	0.000	0.000
LC3	4.68	-0.00	-0.30	0.220	-0.000	-0.733
	-0.00	0.01	0.00	0.000	0.000	0.000
LC4	4.68	-0.00	-0.30	0.220	-0.000	-0.733
	-0.00	0.01	0.00	0.000	0.000	0.000
Wind_X	0.01	-0.00	0.00	0.000	-0.000	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.05	-0.00	0.00	0.000	-0.000	0.001
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.05	-0.00	0.00	0.000	-0.000	0.002
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.05	-0.00	0.00	0.000	-0.000	0.001
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.05	-0.00	0.00	0.000	-0.000	0.002
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	4.68	-0.00	-0.30	0.220	-0.000	-0.733
	-0.00	0.01	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    87  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    215        AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	-0.00	-0.24	0.000	-0.000	-0.603
	0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.12	0.000	-0.000	-0.307
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	3.08	-0.00	-0.23	0.173	-0.000	-0.577
	-0.01	-0.00	0.00	0.000	0.000	0.000
LC2	3.08	-0.00	-0.23	0.173	-0.000	-0.577
	-0.01	-0.00	0.00	0.000	0.000	0.000
LC3	3.08	-0.00	-0.23	0.173	-0.000	-0.577
	-0.01	-0.00	0.00	0.000	0.000	0.000
LC4	3.08	-0.00	-0.23	0.173	-0.000	-0.577
	-0.01	-0.00	0.00	0.000	0.000	0.000
Wind_X	0.01	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.05	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.05	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.05	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.05	0.00	-0.00	0.000	0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	3.08	-0.00	-0.24	0.173	-0.000	-0.603
	-0.01	-0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    88  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    217    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	0.00	-0.22	0.000	0.000	-0.553
	0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.281
	0.00	0.00	0.00	0.000	0.000	0.000
LC1	1.48	-0.00	-0.22	0.167	-0.000	-0.556
	-0.01	0.00	0.00	0.000	0.000	0.000
LC2	1.48	-0.00	-0.22	0.167	-0.000	-0.556
	-0.01	0.00	0.00	0.000	0.000	0.000
LC3	1.48	-0.00	-0.22	0.167	-0.000	-0.556
	-0.01	0.00	0.00	0.000	0.000	0.000
LC4	1.48	-0.00	-0.22	0.167	-0.000	-0.556
	-0.01	0.00	0.00	0.000	0.000	0.000
Wind_X	0.01	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.05	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.05	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.05	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.05	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	1.48	-0.00	-0.22	0.167	-0.000	-0.556
	-0.01	0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    89  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    219    AF            RHDF\_07  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	-0.00	-0.05	0.102	-0.000	-0.641
	0.00	-0.00	-0.00	0.000	-0.000	-0.000
DeadLoad -20	0.00	-0.00	-0.02	0.052	-0.000	-0.327
	0.00	-0.00	-0.00	0.000	-0.000	-0.000
LC1	-0.12	0.00	-0.05	-2.388	0.000	-0.641
	-0.01	-0.00	-0.00	-0.010	-0.000	-0.000
LC2	-0.12	-0.00	-0.05	-2.390	-0.000	-0.641
	-0.01	-0.00	-0.00	-0.010	-0.000	-0.000
LC3	-0.12	0.00	-0.05	-2.388	0.000	-0.641
	-0.01	-0.00	-0.00	-0.010	-0.000	-0.000
LC4	-0.12	-0.00	-0.05	-2.388	-0.000	-0.641
	-0.01	-0.00	-0.00	-0.010	-0.000	-0.000
Wind_X	0.01	-0.00	-0.00	0.112	-0.000	-0.000
	0.00	-0.00	-0.00	0.000	-0.000	-0.000
Wind_Y	-0.00	0.00	0.00	-0.000	0.000	0.000
	-0.00	0.00	-0.00	-0.000	0.000	-0.000
LC1.dyn	-0.05	0.00	0.00	-0.908	0.000	0.000
	0.00	-0.00	-0.00	0.000	-0.000	-0.000
LC2.dyn	-0.05	0.00	0.00	-0.910	0.000	0.000
	0.00	-0.00	-0.00	0.000	-0.000	-0.000
LC3.dyn	-0.05	0.00	0.00	-0.908	0.000	0.000
	0.00	-0.00	-0.00	0.000	-0.000	-0.000
LC4.dyn	-0.05	0.00	0.00	-0.910	0.000	0.000
	0.00	-0.00	-0.00	0.000	-0.000	-0.000
-----						
Extreme value	-0.16	0.00	-0.05	-3.300	0.000	-0.641
	-0.01	-0.00	-0.00	-0.010	-0.000	-0.000
-----						
Allowable loads:				30.000	10.000	10.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    90  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    221    AR            RHDL\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.22	0.000	0.000	-0.553
	0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.11	0.000	0.000	-0.281
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-1.74	0.01	-0.22	-0.166	0.001	-0.553
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC2	-1.74	0.01	-0.22	-0.166	0.001	-0.553
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC3	-1.74	0.01	-0.22	-0.166	0.001	-0.553
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC4	-1.74	0.01	-0.22	-0.166	0.001	-0.553
	-0.01	-0.00	-0.00	0.000	0.000	0.000
Wind_X	0.01	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.05	0.00	0.00	0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.05	0.00	0.00	0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.05	0.00	0.00	0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.05	0.00	0.00	0.000	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-1.80	0.01	-0.22	-0.166	0.001	-0.553
	-0.01	-0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    91  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    223    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.24	0.000	-0.000	-0.602
	0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.12	0.000	-0.000	-0.307
	0.00	0.00	0.00	0.000	0.000	0.000
LC1	-3.37	0.02	-0.24	-0.180	0.001	-0.599
	-0.02	0.00	-0.00	0.000	0.000	0.000
LC2	-3.37	0.02	-0.24	-0.180	0.001	-0.599
	-0.02	0.00	-0.00	0.000	0.000	0.000
LC3	-3.37	0.02	-0.24	-0.180	0.001	-0.599
	-0.02	0.00	-0.00	0.000	0.000	0.000
LC4	-3.37	0.02	-0.24	-0.180	0.001	-0.599
	-0.02	0.00	-0.00	0.000	0.000	0.000
Wind_X	0.01	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.06	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.06	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.06	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.06	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-3.44	0.02	-0.24	-0.180	0.001	-0.602
	-0.02	0.00	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    92  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    225    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.24	0.000	0.000	-0.589
	0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.12	0.000	0.000	-0.300
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-5.00	0.00	-0.25	-0.187	0.000	-0.623
	-0.02	-0.00	0.00	0.000	0.000	0.000
LC2	-5.00	0.01	-0.25	-0.187	0.000	-0.623
	-0.02	-0.00	0.00	0.000	0.000	0.000
LC3	-5.00	0.00	-0.25	-0.187	0.000	-0.623
	-0.02	-0.00	0.00	0.000	0.000	0.000
LC4	-5.00	0.01	-0.25	-0.187	0.001	-0.623
	-0.02	-0.00	0.00	0.000	0.000	0.000
Wind_X	0.01	0.00	-0.00	0.000	0.000	-0.002
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.07	0.00	0.00	0.000	0.000	0.002
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.07	0.00	0.00	0.000	0.000	0.002
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.07	0.00	0.00	0.000	0.000	0.002
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.07	0.00	0.00	0.000	0.000	0.002
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-5.07	0.01	-0.25	-0.187	0.001	-0.625
	-0.02	-0.00	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    93  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    227    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.24	0.000	-0.000	-0.582
	0.00	0.00	0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.12	0.000	-0.000	-0.294
	0.00	0.00	0.00	0.000	0.000	0.000
LC1	-6.63	-0.10	-0.14	-0.103	-0.002	-0.342
	-0.03	0.01	0.00	0.000	0.000	0.000
LC2	-6.63	-0.08	-0.14	-0.103	-0.001	-0.343
	-0.03	0.01	0.00	0.000	0.000	0.000
LC3	-6.63	-0.10	-0.14	-0.103	-0.002	-0.342
	-0.03	0.01	0.00	0.000	0.000	0.000
LC4	-6.63	-0.08	-0.14	-0.103	-0.001	-0.342
	-0.03	0.01	0.00	0.000	0.000	0.000
Wind_X	0.01	-0.00	0.01	0.000	-0.001	0.018
	0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	-0.00	0.000	-0.002	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.08	-0.00	-0.01	0.000	-0.000	-0.013
	0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.08	-0.00	-0.01	0.000	-0.000	-0.013
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.08	-0.00	-0.01	0.000	-0.000	-0.013
	0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.08	-0.00	-0.01	0.000	-0.000	-0.013
	0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-6.71	-0.10	-0.24	-0.103	-0.004	-0.599
	-0.03	0.01	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    94  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    229    AR            RHDL\_S\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.00	-0.26	0.000	-0.001	-0.633
	0.00	-0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	-0.00	-0.13	0.000	-0.001	-0.326
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-8.26	-0.35	-0.56	-0.417	-0.018	-1.392
	-0.03	-0.06	0.01	0.000	0.000	0.000
LC2	-8.26	-0.34	-0.56	-0.417	-0.017	-1.390
	-0.03	-0.06	0.01	0.000	0.000	0.000
LC3	-8.26	-0.35	-0.56	-0.417	-0.018	-1.391
	-0.03	-0.06	0.01	0.000	0.000	0.000
LC4	-8.26	-0.33	-0.56	-0.417	-0.017	-1.390
	-0.03	-0.06	0.01	0.000	0.000	0.000
Wind_X	0.01	-0.00	-0.03	0.000	-0.002	-0.076
	0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.00	0.00	0.000	0.004	0.001
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.09	0.00	0.01	0.000	0.000	0.025
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.09	0.00	0.01	0.000	0.000	0.025
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.09	0.00	0.01	0.000	0.000	0.025
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.09	0.00	0.01	0.000	0.000	0.025
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-8.36	-0.35	-0.59	-0.417	-0.022	-1.468
	-0.03	-0.06	0.01	0.000	0.000	0.000
-----						
Allowable loads:				9.000	3.200	12.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    95  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    231    AR        RHD\_L\_S\_08  
 Support in Absolute Coordinate System

Axial stop + stop Ya, vertical pipe

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.41	0.01	-0.12	0.000	0.014	-0.297
	0.00	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	0.20	0.00	-0.09	0.000	0.011	-0.234
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1	-4.56	1.20	-1.06	-0.763	0.200	-2.629
	-0.05	0.15	-0.01	0.000	0.000	0.000
LC2	-4.59	1.19	-1.06	-0.763	0.198	-2.627
	-0.05	0.15	-0.01	0.000	0.000	0.000
LC3	-4.57	1.20	-1.06	-0.763	0.200	-2.628
	-0.05	0.15	-0.01	0.000	0.000	0.000
LC4	-4.59	1.19	-1.06	-0.764	0.197	-2.630
	-0.05	0.15	-0.01	0.000	0.000	0.000
Wind_X	0.78	0.00	0.01	0.000	0.003	0.019
	0.00	0.02	-0.00	0.000	0.000	0.000
Wind_Y	0.00	0.04	0.01	0.000	0.109	0.016
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.02	-0.01	0.26	0.000	-0.027	0.630
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.02	-0.01	0.26	0.000	-0.027	0.630
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.02	-0.01	0.26	0.000	-0.027	0.630
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.02	-0.01	0.26	0.000	-0.027	0.630
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-5.37	1.24	-1.07	-0.764	0.310	-2.654
	-0.05	0.16	-0.02	0.000	0.000	0.000
-----						
Allowable loads:				3.200	12.000	9.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    96  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    233    AR        RHDL\_08  
 Support in Absolute Coordinate System

Axial stop + stop Ya, vertical pipe

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.29	-0.04	-0.12	0.000	-0.091	-0.288
	0.00	-0.01	-0.00	0.000	0.000	0.000
DeadLoad -20	0.14	-0.03	-0.09	0.000	-0.071	-0.229
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-0.49	2.83	0.30	0.000	0.000	0.000
	-0.01	0.05	-0.03	0.000	0.000	0.000
LC2	-0.57	2.83	0.31	0.000	0.000	0.000
	-0.01	0.05	-0.02	0.000	0.000	0.000
LC3	-0.50	2.83	0.30	0.000	0.000	0.000
	-0.01	0.05	-0.03	0.000	0.000	0.000
LC4	-0.57	2.83	0.30	0.000	0.000	0.000
	-0.01	0.05	-0.02	0.000	0.000	0.000
Wind_X	0.83	0.00	0.01	0.000	0.004	0.018
	-0.00	-0.01	-0.01	0.000	0.000	0.000
Wind_Y	0.00	0.04	0.01	0.000	0.107	0.016
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.03	0.09	0.26	0.000	0.229	0.646
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.03	0.09	0.26	0.000	0.229	0.646
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.03	0.09	0.26	0.000	0.229	0.646
	-0.01	-0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.03	0.09	0.26	0.000	0.229	0.646
	-0.01	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-1.40	2.93	0.57	0.000	0.229	0.646
	-0.01	0.06	-0.03	0.000	0.000	0.000
-----						
Allowable loads:				1.610	0.300	0.300
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    97  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    237    AR        RHD\_L\_08  
 Support in Absolute Coordinate System

Lateral stop all-round, vertical pipe

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	-0.00	-0.07	-0.012	-0.005	0.000
	-0.00	0.00	-0.01	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.06	-0.008	-0.004	0.000
	-0.00	0.00	-0.01	0.000	0.000	0.000
LC1	-0.96	-3.01	1.77	-0.003	-0.023	0.006
	0.00	-0.02	-0.05	0.000	0.000	0.000
LC2	-0.42	-2.78	1.77	0.000	0.000	0.000
	-0.01	-0.01	-0.03	0.000	0.000	0.000
LC3	-0.89	-3.01	1.76	-0.004	-0.029	0.008
	0.00	-0.01	-0.05	0.000	0.000	0.000
LC4	-0.69	-2.56	1.78	0.000	0.000	0.000
	-0.01	-0.01	-0.02	0.000	0.000	0.000
Wind_X	0.09	-0.00	0.00	0.213	-0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.10	0.00	-0.000	0.237	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.00	0.06	-0.001	0.002	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.00	0.00	0.06	-0.001	0.002	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.00	0.00	0.06	-0.001	0.002	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.00	0.00	0.06	-0.001	0.002	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-1.05	-3.11	1.84	-0.225	-0.266	0.008
	-0.01	-0.02	-0.05	0.000	0.000	0.000
-----						
Allowable loads:				1.610	0.300	0.300
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    98  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    239    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Lateral stop all-round, vertical pipe

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.11	0.006	0.010	0.000
	-0.00	-0.00	-0.02	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.09	0.004	0.008	0.000
	-0.00	-0.00	-0.01	0.000	0.000	0.000
LC1	-2.15	-2.25	3.92	0.000	0.000	0.000
	-0.02	-0.01	-0.05	0.000	0.000	0.000
LC2	-0.99	-1.13	3.91	0.000	0.000	0.000
	-0.04	-0.01	-0.03	0.000	0.000	0.000
LC3	-1.95	-2.39	3.91	0.000	0.000	0.000
	-0.02	-0.01	-0.05	0.000	0.000	0.000
LC4	-1.76	-0.68	3.93	0.000	0.000	0.000
	-0.04	-0.02	-0.02	0.000	0.000	0.000
Wind_X	0.10	0.00	0.00	0.249	0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
Wind_Y	0.00	0.10	0.00	0.000	0.240	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	0.00	-0.00	0.10	0.001	-0.001	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.00	-0.00	0.10	-0.000	-0.001	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.00	-0.00	0.10	0.001	-0.001	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.00	-0.00	0.10	-0.000	-0.001	0.000
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-2.25	-2.48	4.03	0.255	0.250	0.000
	-0.04	-0.02	-0.06	0.000	0.000	0.000
-----						
Allowable loads:				1.610	0.300	0.300
				0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    99  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    241    AR            RHDL\_08  
 Support in Absolute Coordinate System

Lateral stop all-round, vertical pipe

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	-0.02	-0.14	-0.006	-0.047	0.000
	0.00	-0.00	-0.02	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.02	-0.12	-0.005	-0.038	0.000
	0.00	-0.00	-0.02	0.000	0.000	0.000
LC1	-2.29	-0.03	6.07	0.000	0.000	0.000
	-0.04	0.01	-0.06	0.000	0.000	0.000
LC2	-1.91	1.50	6.06	0.000	0.000	0.000
	-0.04	-0.02	-0.03	0.000	0.000	0.000
LC3	-1.99	-0.26	6.06	0.000	0.000	0.000
	-0.04	0.01	-0.06	0.000	0.000	0.000
LC4	-2.54	1.95	6.09	0.000	0.000	0.000
	-0.03	-0.00	-0.01	0.000	0.000	0.000
Wind_X	0.10	-0.00	0.00	0.247	-0.000	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.11	0.01	-0.000	0.267	0.000
	-0.00	-0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.00	0.14	-0.006	0.006	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	0.00	0.00	0.14	0.002	0.006	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.00	0.00	0.14	-0.002	0.006	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	0.00	0.00	0.14	0.002	0.006	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-2.64	2.06	6.23	-0.254	-0.315	0.000
	-0.04	-0.02	-0.07	0.000	0.000	0.000
-----						
Allowable loads:				1.610	0.300	0.300
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    100  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    243    AR        RHD\_L\_S\_08  
 Support in Absolute Coordinate System

Lateral stop all-round, vertical pipe

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.03	0.14	-0.16	-0.068	0.345	0.000
	-0.02	0.00	-0.03	0.000	0.000	0.000
DeadLoad -20	-0.02	0.11	-0.14	-0.056	0.272	0.000
	-0.01	0.00	-0.02	0.000	0.000	0.000
LC1	0.40	3.21	8.23	0.008	0.528	0.158
	-0.05	0.07	-0.07	0.000	0.000	0.000
LC2	-3.08	3.18	8.22	-0.196	0.445	0.192
	-0.01	-0.02	-0.03	0.000	0.000	0.000
LC3	0.65	3.25	8.21	0.015	0.615	0.184
	-0.06	0.06	-0.07	0.000	0.000	0.000
LC4	-2.10	3.13	8.25	-0.024	0.323	0.094
	0.00	0.02	-0.01	0.000	0.000	0.000
Wind_X	0.11	-0.00	0.00	0.277	-0.001	0.000
	0.00	0.00	-0.01	0.000	0.000	0.000
Wind_Y	0.00	0.09	0.01	0.000	0.217	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	0.01	-0.01	0.18	0.013	-0.014	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.00	-0.00	0.19	-0.006	-0.011	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	0.00	-0.01	0.18	0.003	-0.013	0.000
	0.00	0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.00	-0.00	0.19	-0.006	-0.011	0.000
	0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-3.19	3.34	8.43	-0.472	0.832	0.192
	-0.06	0.07	-0.08	0.000	0.000	0.000
-----						
Allowable loads:				3.200	12.000	9.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    101  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    245    AF            RHDF\_07  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX PX mm deg	WY PY mm deg	WZ PZ mm deg	AQX AMX kN kNm	AQY AMY kN kNm	AQZ AMZ kN kNm
DeadLoad	-0.00 0.02	-0.02 0.04	-0.16 0.00	-0.007 0.064	-0.370 0.052	-2.135 0.004
DeadLoad -20	-0.00 0.01	-0.01 0.04	-0.11 0.00	-0.009 0.034	-0.286 0.047	-1.478 0.003
LC1	-0.01 0.16	-0.03 0.08	-0.15 -0.07	-0.092 0.462	-0.563 0.091	-1.975 -0.132
LC2	-0.01 0.09	-0.04 0.08	-0.12 0.08	-0.079 0.267	-0.796 0.093	-1.573 0.151
LC3	0.05 0.09	-0.04 0.06	-0.10 -0.04	0.369 0.268	-0.715 0.067	-1.293 -0.083
LC4	0.10 0.12	-0.04 0.05	-0.09 0.04	0.677 0.349	-0.714 0.055	-1.223 0.078
Wind_X	-0.01 -0.00	0.00 0.00	-0.00 0.00	-0.037 -0.000	0.037 0.001	-0.000 0.001
Wind_Y	0.00 -0.00	0.00 -0.00	-0.00 0.00	0.000 -0.002	0.064 -0.000	-0.007 0.000
LC1.dyn	0.01 0.00	-0.15 0.00	0.00 -0.00	0.045 0.005	-3.061 0.000	0.007 -0.007
LC2.dyn	0.00 0.00	-0.15 -0.00	0.00 0.00	0.027 0.003	-3.071 -0.000	0.007 0.003
LC3.dyn	0.00 0.00	-0.15 -0.00	0.00 -0.00	0.014 0.004	-3.059 -0.000	0.004 -0.004
LC4.dyn	0.00 0.00	-0.15 -0.00	0.00 0.00	0.007 0.003	-3.065 -0.000	0.005 0.001
-----						
Extreme value	0.10 0.16	-0.19 0.08	-0.16 0.08	0.721 0.466	-3.868 0.094	-2.141 0.154
-----						
Allowable loads:				10.000 0.000	30.000 0.000	10.000 0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    102  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        2        Point    247    AF            RHDF\_07  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX PX mm deg	WY PY mm deg	WZ PZ mm deg	AQX AMX kN kNm	AQY AMY kN kNm	AQZ AMZ kN kNm
DeadLoad	-0.01 0.03	-0.01 -0.06	-0.15 0.00	-0.211 0.041	-0.098 -0.179	-1.937 0.006
DeadLoad -20	-0.01 0.03	-0.01 -0.05	-0.10 0.00	-0.137 0.031	-0.073 -0.150	-1.349 0.004
LC1	-0.02 0.07	-0.06 -0.16	-0.16 0.03	-0.372 0.085	-0.430 -0.467	-2.188 0.052
LC2	-0.01 0.03	0.02 -0.08	-0.18 -0.02	-0.190 0.035	0.116 -0.226	-2.341 -0.038
LC3	-0.01 0.03	-0.03 -0.03	-0.11 0.01	-0.107 0.035	-0.188 -0.085	-1.426 0.026
LC4	-0.02 0.03	0.02 -0.08	-0.18 -0.02	-0.437 0.039	0.149 -0.235	-2.354 -0.045
Wind_X	0.00 -0.00	0.00 -0.00	-0.00 -0.00	0.001 -0.000	0.000 -0.000	-0.000 -0.000
Wind_Y	0.00 -0.00	0.00 0.00	0.00 -0.00	0.000 -0.000	0.001 0.000	0.001 -0.000
LC1.dyn	-0.00 0.00	-0.00 -0.00	-0.00 0.00	-0.006 0.001	-0.016 -0.001	-0.003 0.002
LC2.dyn	0.17 0.00	-0.00 -0.00	0.00 0.00	3.348 0.000	-0.007 -0.002	0.004 0.001
LC3.dyn	0.00 0.00	-0.00 -0.00	-0.00 0.00	0.003 0.001	-0.019 -0.001	-0.003 0.003
LC4.dyn	0.07 0.00	-0.00 -0.00	-0.00 0.00	1.482 0.001	-0.014 -0.001	-0.001 0.002
-----						
Extreme value	0.16 0.07	-0.06 -0.16	-0.18 0.03	3.241 0.086	-0.448 -0.469	-2.358 0.055
-----						
Allowable loads:				30.000 0.000	10.000 0.000	10.000 0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    103  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        4        Point    249    AF            RHDF\_07  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	-0.01	-0.13	0.051	-0.069	-1.726
	0.01	-0.04	0.00	0.012	-0.110	0.007
DeadLoad -20	0.00	-0.01	-0.09	0.057	-0.056	-1.205
	0.01	-0.04	0.00	0.010	-0.104	0.005
LC1	0.02	-0.02	-0.14	0.329	-0.140	-1.830
	0.05	-0.02	-0.00	0.057	-0.054	-0.002
LC2	0.03	-0.04	-0.12	0.532	-0.310	-1.616
	0.06	-0.05	0.02	0.074	-0.157	0.033
LC3	0.00	-0.02	-0.14	0.097	-0.141	-1.855
	0.05	-0.02	-0.00	0.062	-0.064	-0.003
LC4	0.01	-0.04	-0.07	0.103	-0.264	-0.977
	0.05	0.02	0.02	0.060	0.065	0.030
Wind_X	0.01	-0.01	-0.00	0.122	-0.037	-0.003
	0.00	-0.00	0.00	0.001	-0.001	0.004
Wind_Y	-0.00	0.00	-0.00	-0.001	0.001	-0.001
	-0.00	-0.00	-0.00	-0.000	-0.000	-0.000
LC1.dyn	0.17	-0.00	0.00	3.312	-0.017	0.006
	0.00	-0.00	0.00	0.002	-0.001	0.002
LC2.dyn	-0.00	-0.00	0.00	-0.010	-0.018	0.004
	0.00	0.00	0.00	0.002	0.001	0.002
LC3.dyn	0.07	-0.00	0.00	1.365	-0.018	0.003
	0.00	0.00	0.00	0.002	0.000	0.003
LC4.dyn	-0.00	-0.00	0.00	-0.001	-0.018	0.004
	0.00	0.00	0.00	0.002	0.001	0.003
-----						
Extreme value	0.19	-0.05	-0.14	3.845	-0.347	-1.859
	0.06	-0.05	0.02	0.076	-0.158	0.037
-----						
Allowable loads:				30.000	10.000	10.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    104  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        9        Point    251        S HR        PN\_B  
 Support in Absolute Coordinate System

Angulating support, vertical

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.09	0.04	-0.03	0.000	0.000	-1.361
	0.00	0.00	-0.01	0.000	0.000	0.000
DeadLoad -20	-0.06	0.02	-0.03	0.000	0.000	-1.226
	0.00	0.00	-0.01	0.000	0.000	0.000
LC1	-0.54	-1.71	-0.05	0.001	0.002	-2.028
	0.04	-0.00	-0.04	0.000	0.000	0.000
LC2	-0.40	-1.78	-0.05	0.001	0.003	-2.032
	0.04	0.00	-0.03	0.000	0.000	0.000
LC3	-0.53	-1.71	-0.05	0.001	0.003	-2.128
	0.04	-0.00	-0.04	0.000	0.000	0.000
LC4	-0.40	-1.78	-0.05	0.001	0.002	-1.871
	0.04	-0.00	-0.03	0.000	0.000	0.000
Wind_X	0.06	-0.03	0.00	0.000	0.000	0.126
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.08	0.00	0.000	0.000	0.122
	-0.01	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.01	-0.03	0.03	0.000	0.000	1.089
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.01	-0.03	0.03	0.000	0.000	1.136
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.01	-0.03	0.03	0.000	0.000	1.089
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.01	-0.03	0.03	0.000	0.000	1.136
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-0.60	-1.87	-0.06	0.001	0.003	-2.304
	0.04	-0.00	-0.04	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    105  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

L i n e        9        P o i n t    253        S H R        P N \_ A  
 Support in Absolute Coordinate System

Angulating support, vertical

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.09	-0.05	-0.03	0.000	0.000	-1.396
	0.00	0.00	-0.01	0.000	0.000	0.000
DeadLoad -20	-0.06	-0.04	-0.03	0.000	0.000	-1.255
	0.00	0.00	-0.01	0.000	0.000	0.000
LC1	-0.26	-2.20	-0.05	0.000	0.003	-1.859
	0.04	-0.00	-0.04	0.000	0.000	0.000
LC2	-0.11	-2.13	-0.05	0.000	0.003	-2.042
	0.04	0.00	-0.03	0.000	0.000	0.000
LC3	-0.25	-2.20	-0.05	0.000	0.003	-1.986
	0.04	-0.00	-0.04	0.000	0.000	0.000
LC4	-0.11	-2.08	-0.05	0.000	0.003	-1.757
	0.04	-0.00	-0.03	0.000	0.000	0.000
Wind_X	0.06	0.02	-0.00	0.000	0.000	-0.130
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	-0.00	0.08	0.00	0.000	0.000	0.119
	-0.01	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.01	-0.03	0.03	0.000	0.000	1.089
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.01	-0.03	0.03	0.000	0.000	1.134
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.01	-0.03	0.03	0.000	0.000	1.088
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.01	-0.03	0.03	0.000	0.000	1.135
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-0.31	-2.28	-0.06	0.000	0.003	-2.218
	0.04	-0.00	-0.04	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    106  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        8        Point    309    AR        RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.01	0.00	-0.17	0.000	0.004	-0.409
	0.00	-0.01	-0.00	0.000	0.000	0.000
DeadLoad -20	0.00	0.00	-0.08	0.000	0.003	-0.205
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC1	-1.84	-0.17	-0.25	-0.181	-0.017	-0.607
	0.03	-0.04	-0.00	0.000	0.000	0.000
LC2	1.94	0.04	-0.01	0.005	0.000	-0.017
	0.03	0.02	-0.00	0.000	0.000	0.000
LC3	-1.85	-0.19	-0.24	-0.178	-0.018	-0.597
	0.03	-0.04	-0.00	0.000	0.000	0.000
LC4	-1.85	0.05	-0.29	-0.215	0.005	-0.718
	0.02	-0.06	-0.00	0.000	0.000	0.000
Wind_X	0.01	0.00	0.00	0.000	0.007	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
LC1.dyn	0.19	0.00	-0.00	0.000	0.003	-0.010
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.00	0.00	-0.00	0.000	0.003	-0.001
	0.00	-0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.07	0.00	-0.00	0.000	0.003	-0.004
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.00	0.00	-0.00	0.000	0.003	-0.001
	0.00	-0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	2.13	-0.19	-0.29	-0.215	-0.025	-0.728
	0.03	-0.06	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    107  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        6        Point    313    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.01	-0.01	-0.14	0.000	-0.018	-0.344
	0.02	-0.00	0.00	0.000	0.000	0.000
DeadLoad -20	-0.01	-0.01	-0.07	0.000	-0.014	-0.161
	0.01	0.00	0.00	0.000	0.000	0.000
LC1	1.89	0.20	3.01	0.006	0.001	0.020
	0.03	-0.01	-0.00	0.000	0.000	0.000
LC2	-1.87	-0.39	-0.18	-0.130	-0.027	-0.443
	0.02	-0.01	0.00	0.000	0.000	0.000
LC3	-1.87	0.09	-0.23	-0.172	0.008	-0.575
	0.01	-0.03	-0.00	0.000	0.000	0.000
LC4	-1.88	-0.46	-0.18	-0.126	-0.031	-0.433
	0.03	-0.01	0.00	0.000	0.000	0.000
Wind_X	0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.00	0.00	0.00	0.000	0.004	0.001
	0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	0.20	0.00	-0.00	0.000	0.002	-0.010
	0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	0.00	0.00	0.00	0.000	0.004	0.001
	0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	0.07	0.00	-0.00	0.000	0.003	-0.003
	0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	2.08	-0.46	3.01	-0.172	-0.031	-0.584
	0.03	-0.03	-0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	1.610
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    108  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    349    AR            U bolt  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	-0.00	-0.01	0.000	-0.000	-0.005
	-0.00	-0.01	0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	-0.00	-0.01	0.000	-0.000	-0.003
	-0.00	-0.01	0.00	0.000	0.000	0.000
LC1	-0.05	-0.00	-0.01	-0.002	-0.001	-0.005
	-0.00	-0.01	0.00	0.000	0.000	0.000
LC2	-0.05	-0.00	-0.01	-0.002	-0.001	-0.005
	-0.00	-0.01	0.00	0.000	0.000	0.000
LC3	-0.05	-0.00	-0.01	-0.002	-0.001	-0.005
	-0.00	-0.01	0.00	0.000	0.000	0.000
LC4	-0.05	-0.00	-0.01	-0.002	-0.001	-0.005
	-0.00	-0.01	0.00	0.000	0.000	0.000
Wind_X	-0.00	-0.00	0.00	0.000	-0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC2.dyn	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC3.dyn	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC4.dyn	-0.00	-0.00	-0.00	0.000	-0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
-----						
Extreme value	-0.06	-0.00	-0.01	-0.002	-0.001	-0.005
	-0.00	-0.01	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    109  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    451        AFK            RHDF\_07  
 Coordinate System of Support :        P1 = 21    P2 = 451    P3 = &014  
 Xs= 0.000 -0.707 0.707 Ys= 1.000 -0.000 -0.000 Zs= 0.000 0.707 0.707  
 Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.03	0.00	-0.03	-0.534	0.025	-0.418
	-0.00	-0.00	-0.01	-0.002	-0.012	-0.012
DeadLoad -20	-0.02	0.00	-0.03	-0.442	0.013	-0.352
	-0.00	-0.00	-0.00	-0.002	-0.009	-0.007
LC1	0.09	0.01	0.12	1.850	0.091	1.622
	-0.03	0.10	-0.02	-0.035	0.295	-0.044
LC2	0.09	0.02	0.12	1.853	0.105	1.613
	-0.02	0.10	-0.02	-0.028	0.296	-0.031
LC3	0.09	0.01	0.12	1.839	0.093	1.615
	-0.03	0.10	-0.02	-0.035	0.296	-0.043
LC4	0.09	0.01	0.12	1.842	0.097	1.607
	-0.02	0.10	-0.02	-0.026	0.296	-0.030
Wind_X	0.00	0.05	0.00	0.025	0.358	0.018
	0.01	0.00	-0.01	0.007	0.001	-0.014
Wind_Y	-0.01	0.00	0.00	-0.251	0.000	0.016
	-0.00	0.00	-0.00	-0.000	0.002	-0.000
LC1.dyn	0.05	0.00	0.05	1.015	0.003	0.726
	0.00	0.01	-0.00	0.000	0.036	-0.001
LC2.dyn	0.05	0.00	0.05	1.017	0.003	0.728
	-0.00	0.01	-0.00	-0.000	0.035	-0.001
LC3.dyn	0.05	0.00	0.05	1.015	0.003	0.726
	0.00	0.01	-0.00	0.000	0.036	-0.001
LC4.dyn	0.05	0.00	0.05	1.017	0.003	0.728
	0.00	0.01	-0.00	0.000	0.035	-0.001
-----						
Extreme value	0.14	0.07	0.18	2.870	0.463	2.350
	-0.04	0.11	-0.03	-0.042	0.331	-0.058
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    110  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        7        Point    277    AF                      Foot Point of Silo AT-27  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.02	-0.012	0.015	-35.051
	-0.00	-0.00	-0.00	-0.306	-0.250	-0.014
DeadLoad -20	-0.00	0.00	-0.02	-0.020	0.012	-35.042
	-0.00	-0.00	-0.00	-0.250	-0.413	-0.012
LC1	-0.00	0.00	-0.02	-0.179	0.059	-34.378
	-0.00	-0.00	-0.00	-1.209	-3.652	-0.050
LC2	0.00	0.00	-0.02	0.164	0.095	-35.718
	-0.00	0.00	-0.00	-1.929	3.333	-0.063
LC3	-0.00	0.00	-0.02	-0.184	0.064	-34.377
	-0.00	-0.00	-0.00	-1.301	-3.744	-0.055
LC4	-0.00	0.00	-0.02	-0.147	0.078	-34.388
	-0.00	-0.00	-0.00	-1.587	-2.995	-0.056
Wind_X	0.00	0.00	0.00	0.001	0.002	0.000
	-0.00	0.00	-0.00	-0.045	0.011	-0.008
Wind_Y	-0.00	-0.00	0.00	-0.000	-0.000	0.000
	0.00	-0.00	0.00	0.002	-0.003	0.000
LC1.dyn	0.00	0.00	0.00	0.024	0.002	0.000
	-0.00	0.00	-0.00	-0.049	0.489	-0.005
LC2.dyn	0.00	0.00	-0.00	0.000	0.003	-0.000
	-0.00	0.00	-0.00	-0.055	0.006	-0.005
LC3.dyn	0.00	0.00	-0.00	0.009	0.003	-0.000
	-0.00	0.00	-0.00	-0.052	0.175	-0.005
LC4.dyn	0.00	0.00	-0.00	0.000	0.003	-0.000
	-0.00	0.00	-0.00	-0.055	0.007	-0.005
-----						
Extreme value	0.00	0.00	-0.02	0.188	0.097	-35.718
	-0.00	0.00	-0.00	-1.984	3.822	-0.071
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    111  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        10       Point    283    AF                    Foot Point of Silo AT-26  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.02	0.074	0.028	-35.132
	-0.00	0.00	0.00	-0.577	1.503	0.015
DeadLoad -20	0.00	0.00	-0.02	0.057	0.023	-35.117
	-0.00	0.00	0.00	-0.462	1.158	0.012
LC1	-0.00	0.00	-0.02	-0.019	0.247	-34.397
	-0.00	-0.00	-0.00	-5.024	-0.382	-0.277
LC2	-0.00	0.00	-0.02	-0.212	0.198	-34.441
	-0.00	-0.00	0.00	-4.020	-4.309	0.130
LC3	0.00	0.00	-0.02	0.004	0.267	-34.406
	-0.00	0.00	-0.00	-5.441	0.087	-0.287
LC4	0.00	0.00	-0.02	0.051	0.142	-35.716
	-0.00	0.00	0.00	-2.892	1.039	0.179
Wind_X	0.00	-0.00	-0.00	0.001	-0.008	-0.000
	0.00	0.00	0.00	0.172	0.030	0.025
Wind_Y	0.00	0.00	-0.00	0.001	0.000	-0.000
	-0.00	0.00	-0.00	-0.000	0.019	-0.001
LC1.dyn	0.00	-0.00	0.00	0.015	-0.003	0.000
	0.00	0.00	0.00	0.063	0.298	0.029
LC2.dyn	-0.00	-0.00	0.00	-0.002	-0.002	0.001
	0.00	-0.00	0.00	0.038	-0.046	0.026
LC3.dyn	0.00	-0.00	0.00	0.006	-0.003	0.001
	0.00	0.00	0.00	0.054	0.119	0.028
LC4.dyn	-0.00	-0.00	0.00	-0.002	-0.002	0.001
	0.00	-0.00	0.00	0.040	-0.048	0.027
-----						
Extreme value	-0.00	0.00	-0.02	-0.214	0.276	-35.717
	-0.00	-0.00	-0.00	-5.613	-4.357	-0.312
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    112  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        5        Point    279    AF                    Foot Point of Silo AT-17  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.02	-0.034	0.049	-35.045
	-0.00	-0.00	-0.00	-0.991	-0.701	-0.018
DeadLoad -20	-0.00	0.00	-0.02	-0.035	0.036	-35.038
	-0.00	-0.00	-0.00	-0.741	-0.716	-0.014
LC1	0.00	0.00	-0.02	0.242	0.117	-35.612
	-0.00	0.00	-0.00	-2.380	4.920	-0.058
LC2	-0.00	0.00	-0.02	-0.235	0.017	-34.361
	-0.00	-0.00	-0.00	-0.345	-4.773	-0.041
LC3	-0.00	0.00	-0.02	-0.194	0.050	-34.374
	-0.00	-0.00	-0.00	-1.014	-3.942	-0.032
LC4	-0.00	0.00	-0.02	-0.239	0.017	-34.360
	-0.00	-0.00	-0.00	-0.342	-4.861	-0.047
Wind_X	-0.00	-0.00	0.00	-0.000	-0.000	0.000
	0.00	-0.00	0.00	0.001	-0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	0.00	0.00	0.002	0.002	0.000
LC1.dyn	-0.00	0.00	0.00	-0.000	0.002	0.000
	-0.00	-0.00	-0.00	-0.039	-0.008	-0.005
LC2.dyn	0.00	0.00	0.00	0.024	0.001	0.000
	-0.00	0.00	-0.00	-0.019	0.489	-0.003
LC3.dyn	-0.00	0.00	0.00	-0.000	0.002	0.000
	-0.00	-0.00	-0.00	-0.042	-0.006	-0.005
LC4.dyn	0.00	0.00	0.00	0.009	0.002	0.000
	-0.00	0.00	-0.00	-0.032	0.180	-0.004
-----						
Extreme value	0.00	0.00	-0.02	0.266	0.119	-35.612
	-0.00	0.00	-0.00	-2.422	5.409	-0.063
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    113  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        1        Point    397        AF                      Foot Point of Silo AT-16  
 Support in Absolute Coordinate System

Anchor point

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.00	0.00	-0.02	0.213	0.155	-35.187
	-0.00	0.00	-0.00	-3.155	4.327	-0.076
DeadLoad -20	0.00	0.00	-0.02	0.148	0.115	-35.153
	-0.00	0.00	-0.00	-2.330	3.002	-0.058
LC1	0.00	0.00	-0.02	0.277	0.193	-34.647
	-0.00	0.00	0.00	-3.930	5.627	0.226
LC2	0.00	0.00	-0.02	0.341	0.246	-34.536
	-0.00	0.00	-0.00	-5.003	6.938	-0.434
LC3	0.00	0.00	-0.02	0.365	0.057	-35.837
	-0.00	0.00	0.00	-1.158	7.419	0.204
LC4	0.00	0.00	-0.02	0.366	0.274	-34.544
	-0.00	0.00	-0.00	-5.583	7.452	-0.478
Wind_X	-0.00	-0.00	-0.00	-0.000	-0.000	-0.000
	0.00	-0.00	-0.00	0.002	-0.001	-0.000
Wind_Y	-0.00	-0.00	0.00	-0.001	-0.000	0.000
	0.00	-0.00	-0.00	0.002	-0.013	-0.001
LC1.dyn	0.00	-0.00	-0.00	0.002	-0.005	-0.001
	0.00	0.00	0.00	0.098	0.047	0.030
LC2.dyn	0.00	-0.00	-0.00	0.017	-0.004	-0.001
	0.00	0.00	0.00	0.087	0.348	0.024
LC3.dyn	0.00	-0.00	-0.00	0.002	-0.005	-0.001
	0.00	0.00	0.00	0.105	0.046	0.031
LC4.dyn	0.00	-0.00	-0.00	0.010	-0.005	-0.001
	0.00	0.00	0.00	0.100	0.201	0.028
-----						
Extreme value	0.00	0.00	-0.02	0.383	0.274	-35.838
	-0.00	0.00	-0.00	-5.585	7.800	-0.478
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    114  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    453    AR            RHD\_L\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.18	0.000	0.000	-0.357
	-0.00	0.01	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.09	0.000	0.000	-0.187
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1	-1.64	-0.19	-0.19	-0.111	-0.013	-0.372
	-0.01	0.01	0.00	0.000	0.000	0.000
LC2	-1.64	-0.19	-0.19	-0.111	-0.013	-0.372
	-0.01	0.01	0.00	0.000	0.000	0.000
LC3	-1.64	-0.19	-0.19	-0.111	-0.013	-0.372
	-0.01	0.01	0.00	0.000	0.000	0.000
LC4	-1.64	-0.19	-0.19	-0.111	-0.013	-0.372
	-0.01	0.01	0.00	0.000	0.000	0.000
Wind_X	-0.00	0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	0.00	0.000	-0.000	0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.02	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.02	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.02	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.02	0.00	0.00	0.000	0.000	0.000
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-1.66	-0.19	-0.19	-0.111	-0.013	-0.372
	-0.01	0.01	0.00	0.000	0.000	0.000
-----						
Allowable loads:				0.300	0.300	0.850
				0.000	0.000	0.000
-----						



R E S U L T S      --    Program ROHR2      /33.1    --    Page    115  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

Line        3        Point    455    AR            RHDL\_S\_08  
 Support in Absolute Coordinate System

Guide support

LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	-0.00	0.00	-0.09	0.000	0.002	-0.183
	-0.00	0.00	-0.00	0.000	0.000	0.000
DeadLoad -20	-0.00	0.00	-0.05	0.000	0.001	-0.097
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC1	-3.97	1.00	-0.29	-0.170	0.043	-0.585
	-0.01	-0.03	-0.04	0.000	0.000	0.000
LC2	-3.97	1.00	-0.29	-0.170	0.043	-0.585
	-0.01	-0.03	-0.04	0.000	0.000	0.000
LC3	-3.97	1.00	-0.29	-0.170	0.043	-0.585
	-0.01	-0.03	-0.04	0.000	0.000	0.000
LC4	-3.97	1.00	-0.29	-0.170	0.043	-0.585
	-0.01	-0.03	-0.04	0.000	0.000	0.000
Wind_X	-0.00	0.00	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
Wind_Y	0.00	-0.00	-0.00	0.000	-0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
LC1.dyn	-0.04	0.00	0.00	0.000	0.004	0.006
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC2.dyn	-0.04	0.00	0.00	0.000	0.004	0.006
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC3.dyn	-0.04	0.00	0.00	0.000	0.004	0.006
	-0.00	0.00	-0.00	0.000	0.000	0.000
LC4.dyn	-0.04	0.00	0.00	0.000	0.004	0.006
	-0.00	0.00	-0.00	0.000	0.000	0.000
-----						
Extreme value	-4.01	1.00	-0.29	-0.170	0.047	-0.585
	-0.01	-0.03	-0.04	0.000	0.000	0.000
-----						
Allowable loads:				9.200	3.200	12.000
				0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    116  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

L i n e        11      P o i n t    443      S H R            P N \_ A  
 Support in Absolute Coordinate System

Angulating support, vertical

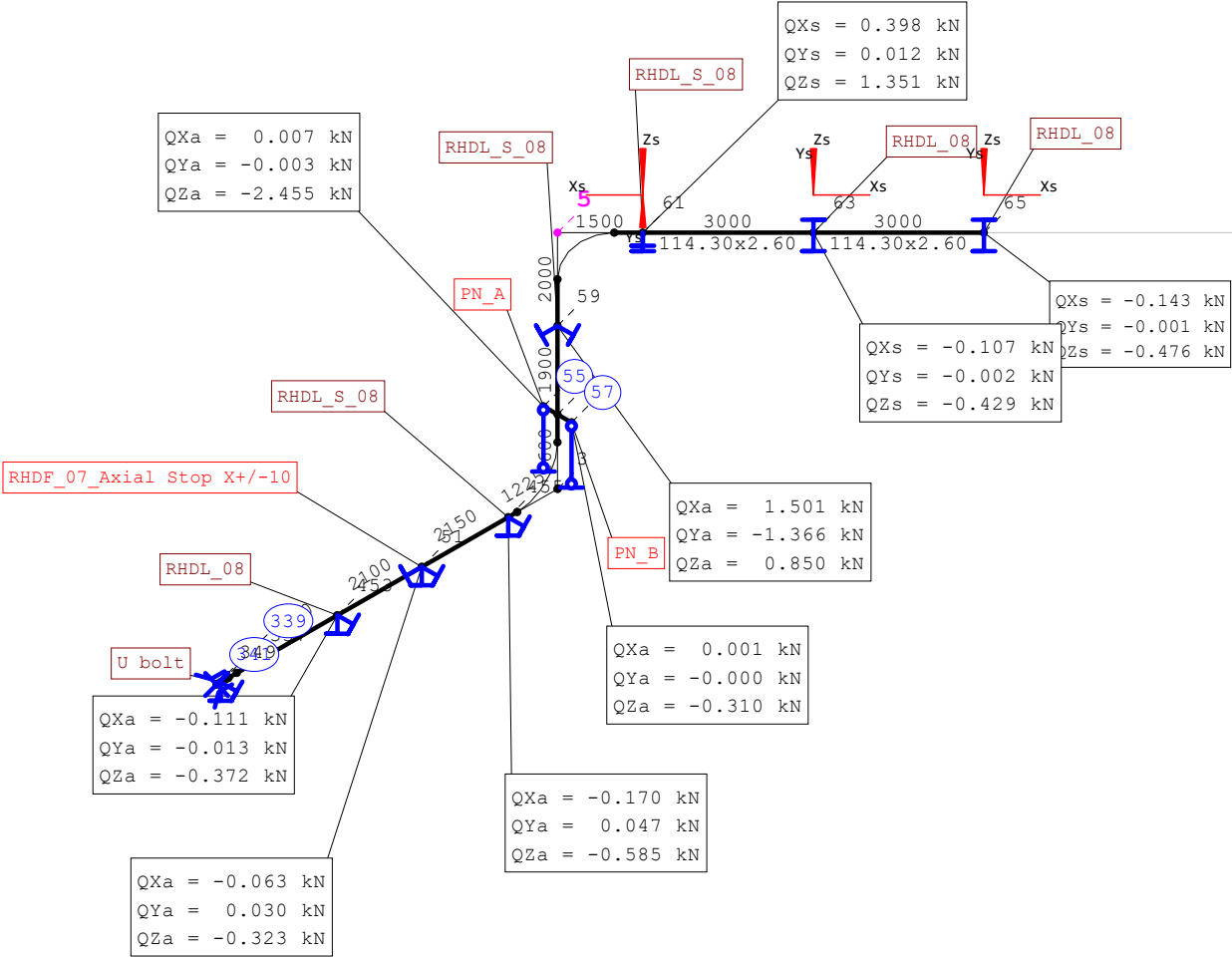
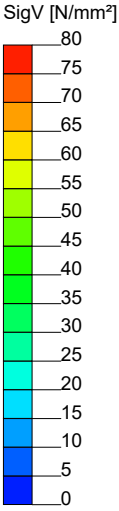
LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.32	0.00	-0.01	0.000	0.000	-0.462
	-0.00	-0.01	0.00	0.000	0.000	0.000
DeadLoad -20	0.16	0.00	-0.01	0.000	0.000	-0.235
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	-4.53	-0.15	-0.04	0.004	0.000	-1.212
	-0.00	0.78	0.00	0.000	0.000	0.000
LC2	-4.53	-0.15	-0.04	0.004	0.000	-1.212
	-0.00	0.78	0.00	0.000	0.000	0.000
LC3	-4.53	-0.15	-0.04	0.004	0.000	-1.212
	-0.00	0.78	0.00	0.000	0.000	0.000
LC4	-4.53	-0.15	-0.04	0.004	0.000	-1.212
	-0.00	0.78	0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	0.00	0.000	0.000	0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.48	0.00	0.01	0.000	0.000	0.561
	0.00	0.03	-0.00	0.000	0.000	0.000
LC2.dyn	-0.49	0.00	0.01	0.000	0.000	0.560
	0.00	0.03	-0.00	0.000	0.000	0.000
LC3.dyn	-0.48	0.00	0.01	0.000	0.000	0.561
	0.00	0.03	-0.00	0.000	0.000	0.000
LC4.dyn	-0.49	0.00	0.01	0.000	0.000	0.560
	0.00	0.03	-0.00	0.000	0.000	0.000
-----						
Extreme value	-5.03	-0.15	-0.04	0.004	0.000	-1.213
	-0.00	0.81	0.00	0.000	0.000	0.000
-----						

R E S U L T S      --    Program ROHR2      /33.1    --    Page    117  
 Commiss.    X00622      Date 10/14/21    08:55:56  
 GETEC DSM Emmen. Conveying Line 01  
 Conveying to Silo AT-16/17/26/27

L i n e        11      P o i n t    445      S H R            P N \_ B  
 Support in Absolute Coordinate System

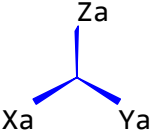
Angulating support, vertical


LoadCase	WX	WY	WZ	AQX	AQY	AQZ
	PX	PY	PZ	AMX	AMY	AMZ
	mm	mm	mm	kN	kN	kN
	deg	deg	deg	kNm	kNm	kNm
DeadLoad	0.32	0.00	-0.01	0.000	0.000	-0.462
	-0.00	-0.01	0.00	0.000	0.000	0.000
DeadLoad -20	0.16	0.00	-0.01	0.000	0.000	-0.235
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1	-4.54	0.13	-0.04	0.004	-0.000	-1.223
	-0.00	0.78	0.00	0.000	0.000	0.000
LC2	-4.54	0.13	-0.04	0.004	-0.000	-1.223
	-0.00	0.78	0.00	0.000	0.000	0.000
LC3	-4.54	0.13	-0.04	0.004	-0.000	-1.223
	-0.00	0.78	0.00	0.000	0.000	0.000
LC4	-4.54	0.13	-0.04	0.004	-0.000	-1.223
	-0.00	0.78	0.00	0.000	0.000	0.000
Wind_X	0.00	0.00	-0.00	0.000	0.000	-0.000
	0.00	0.00	-0.00	0.000	0.000	0.000
Wind_Y	-0.00	-0.00	-0.00	0.000	0.000	-0.000
	-0.00	-0.00	0.00	0.000	0.000	0.000
LC1.dyn	-0.48	0.00	0.01	0.000	0.000	0.561
	0.00	0.03	-0.00	0.000	0.000	0.000
LC2.dyn	-0.49	0.00	0.01	0.000	0.000	0.560
	0.00	0.03	-0.00	0.000	0.000	0.000
LC3.dyn	-0.48	0.00	0.01	0.000	0.000	0.561
	0.00	0.03	-0.00	0.000	0.000	0.000
LC4.dyn	-0.49	0.00	0.01	0.000	0.000	0.560
	0.00	0.03	-0.00	0.000	0.000	0.000
-----						
Extreme value	-5.03	0.13	-0.04	0.004	-0.000	-1.223
	-0.00	0.81	0.00	0.000	0.000	0.000
-----						

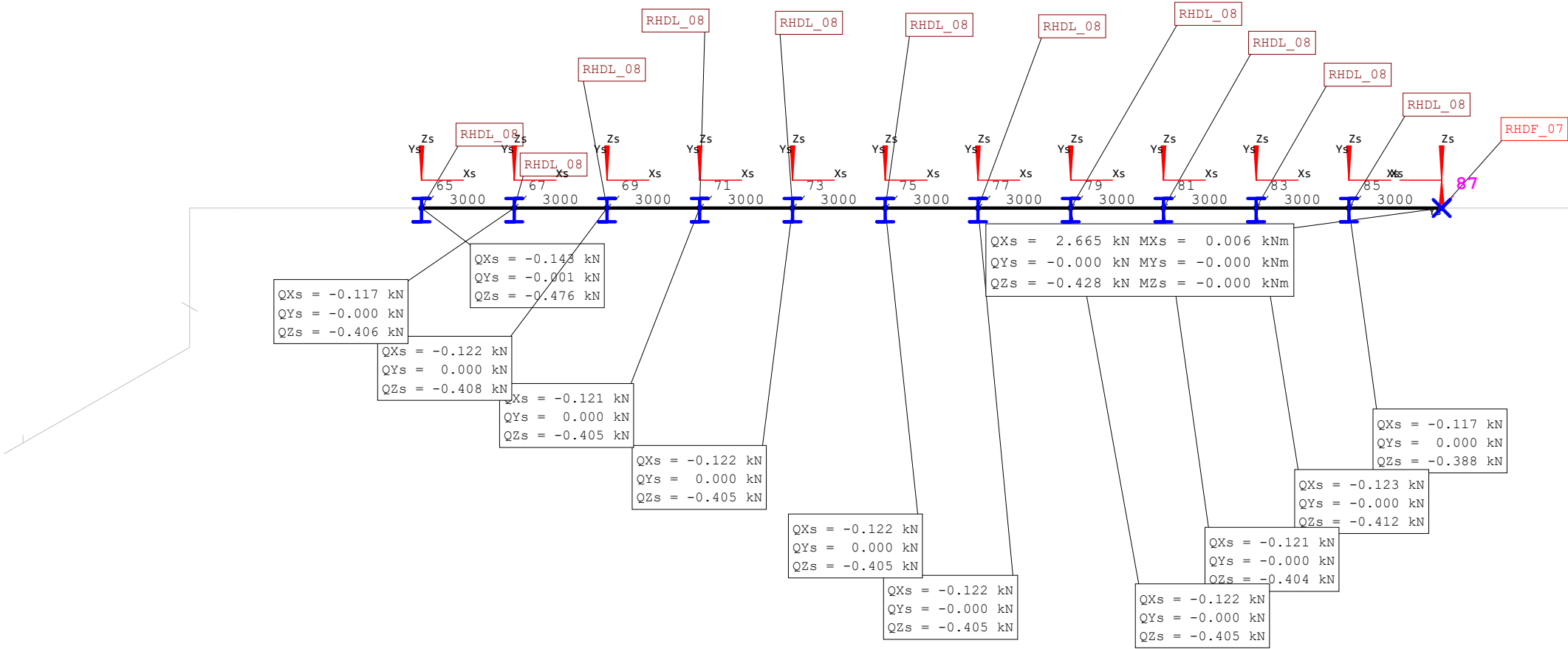
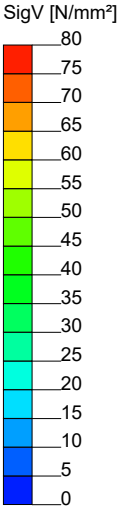


Results load case Extreme value - SIG-V: Extreme value: 58.1 N/mm², node 5 (visible region)

- Nozzle
- Spring
- Rigid support
- Anchor point

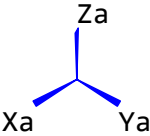



	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_01	

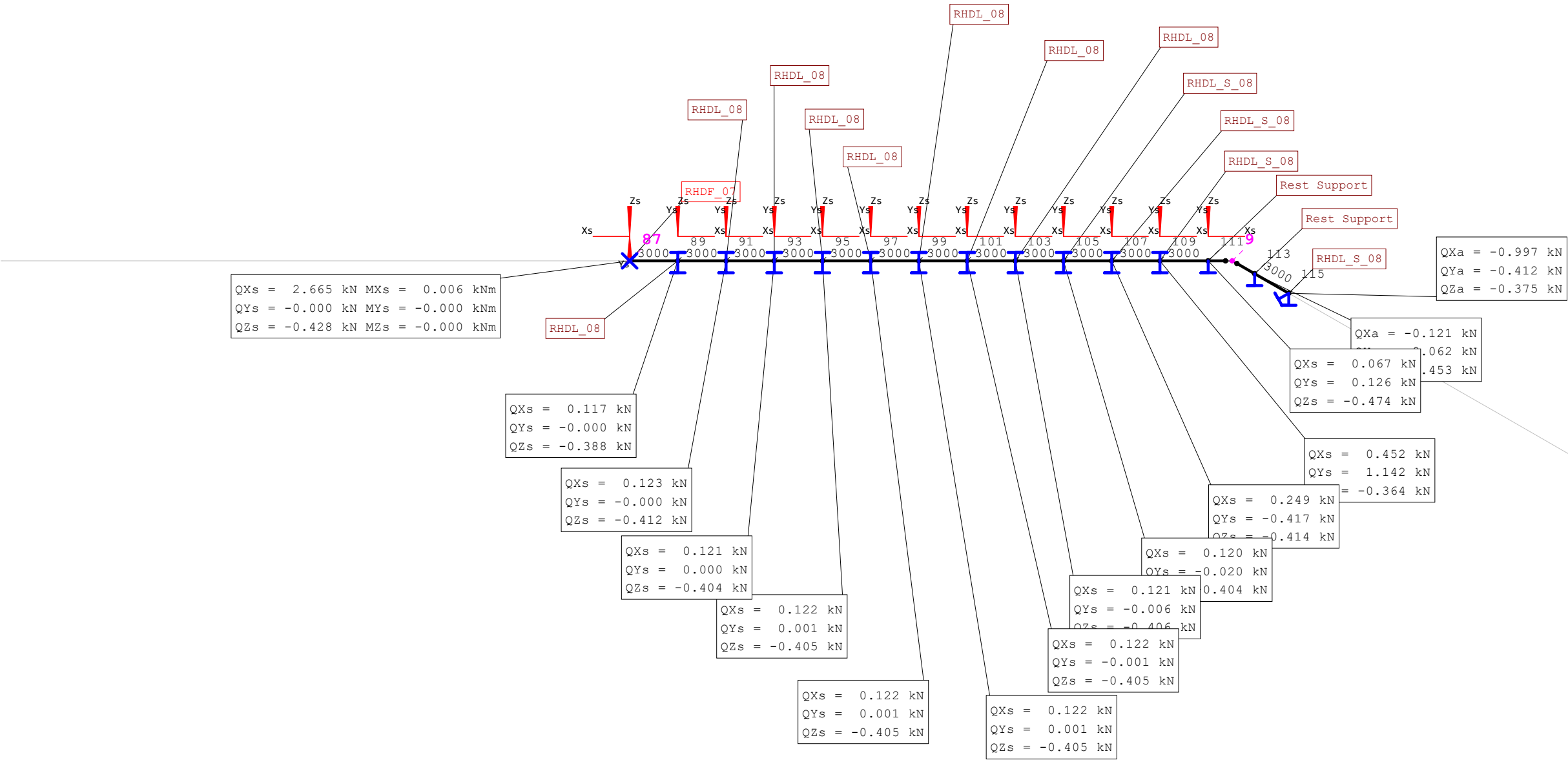
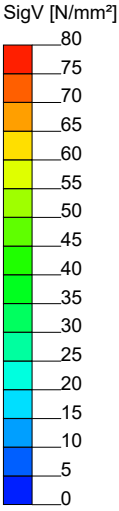


Results load case Extreme value - SIG-V: Extreme value: 10.4 N/mm², node 87 (visible region)

T Rigid support  
X Anchor point

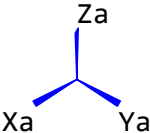



	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_02	

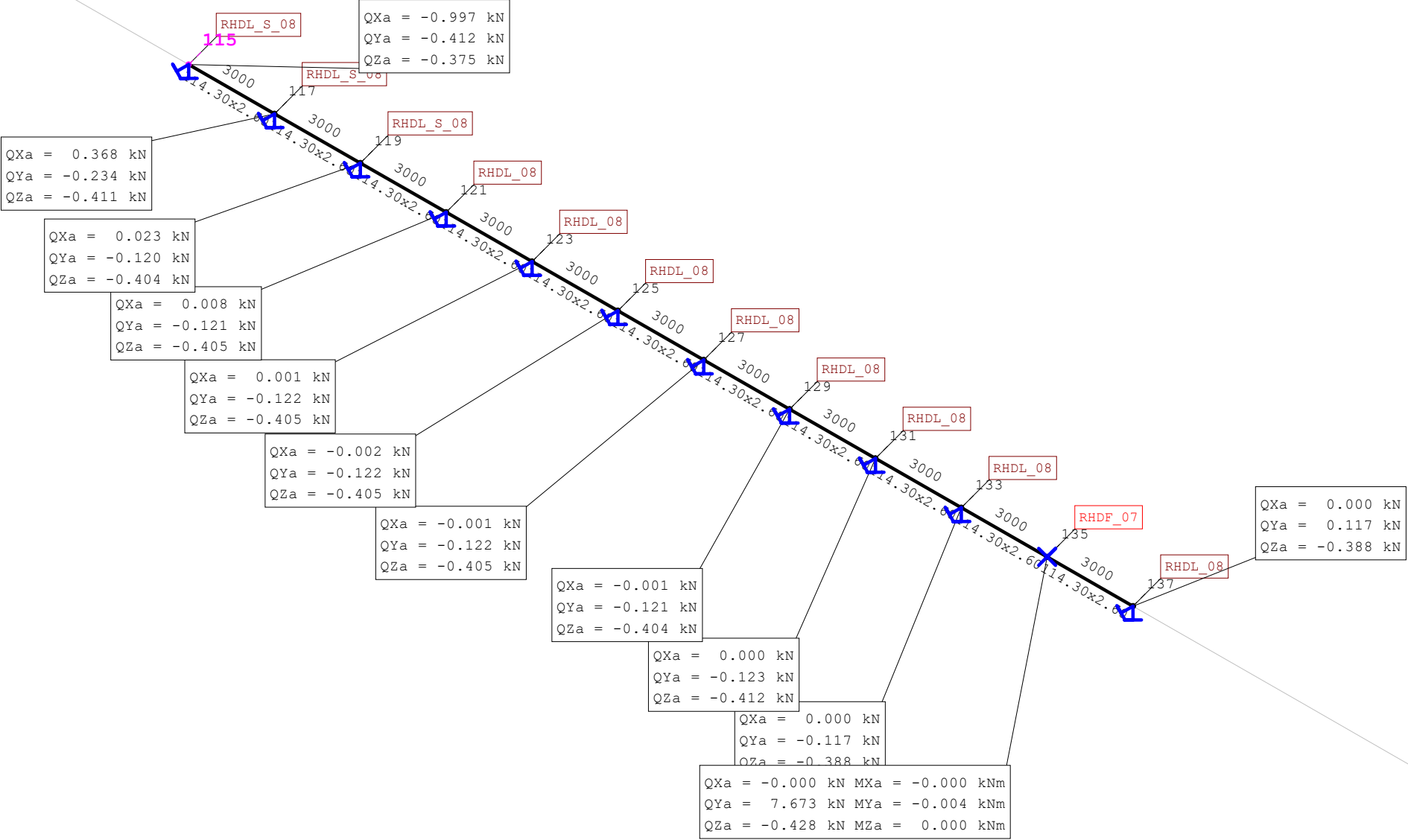
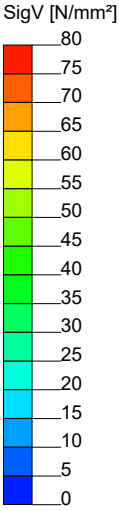


Results load case Extreme value - SIG-V: Extreme value: 77.6 N/mm², node 9 (visible region)

T Rigid support  
X Anchor point

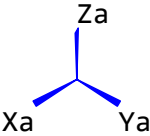


	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_03	

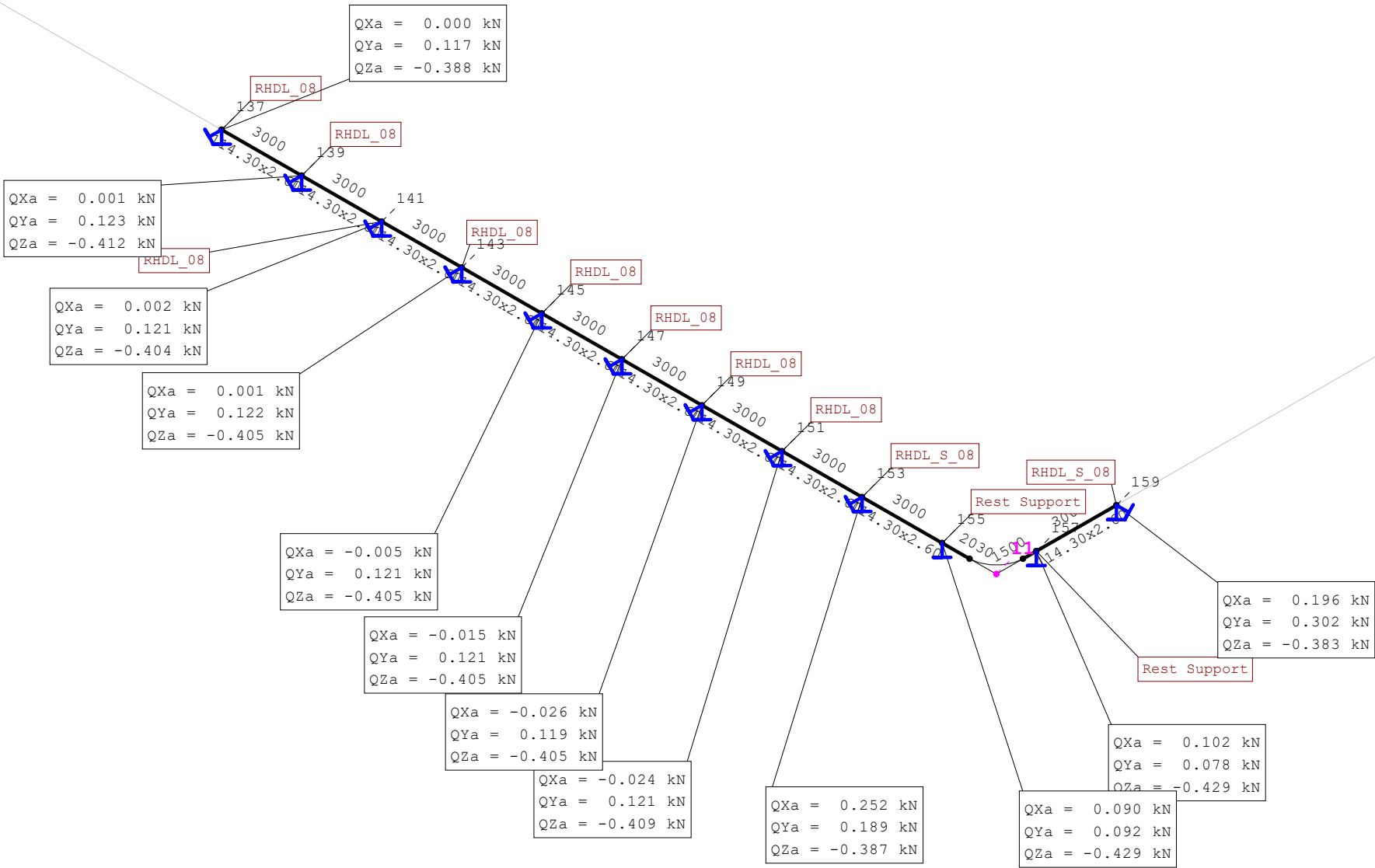
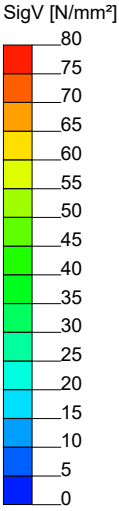


Results load case Extreme value - SIG-V: Extreme value: 52.7 N/mm², node 115 (visible region)

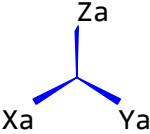
T Rigid support  
X Anchor point




	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_04	



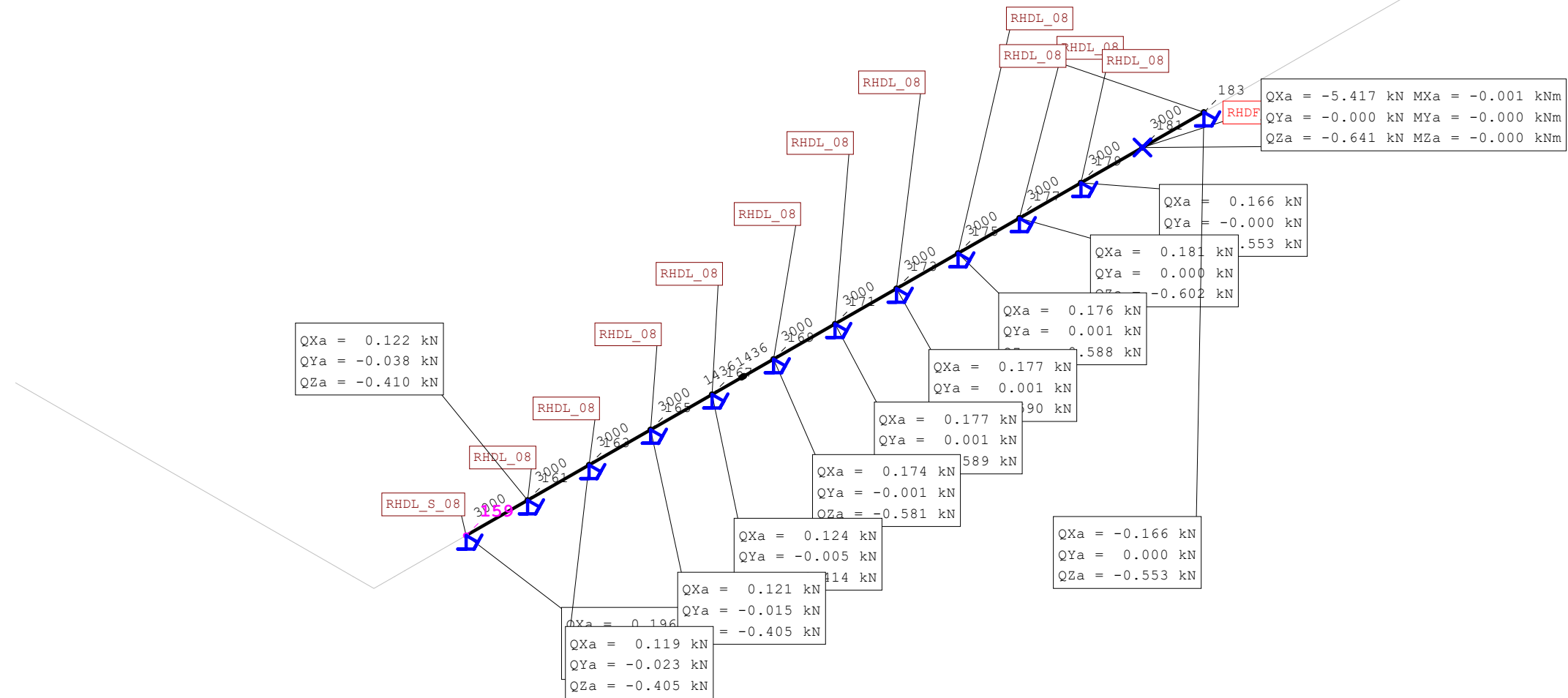
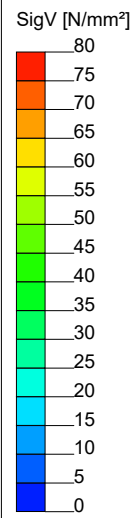
Results load case Extreme value - SIG-V: Extreme value: 26.5 N/mm², node 11 (visible region)



 Rigid support

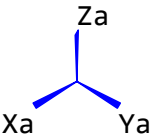
	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_05	




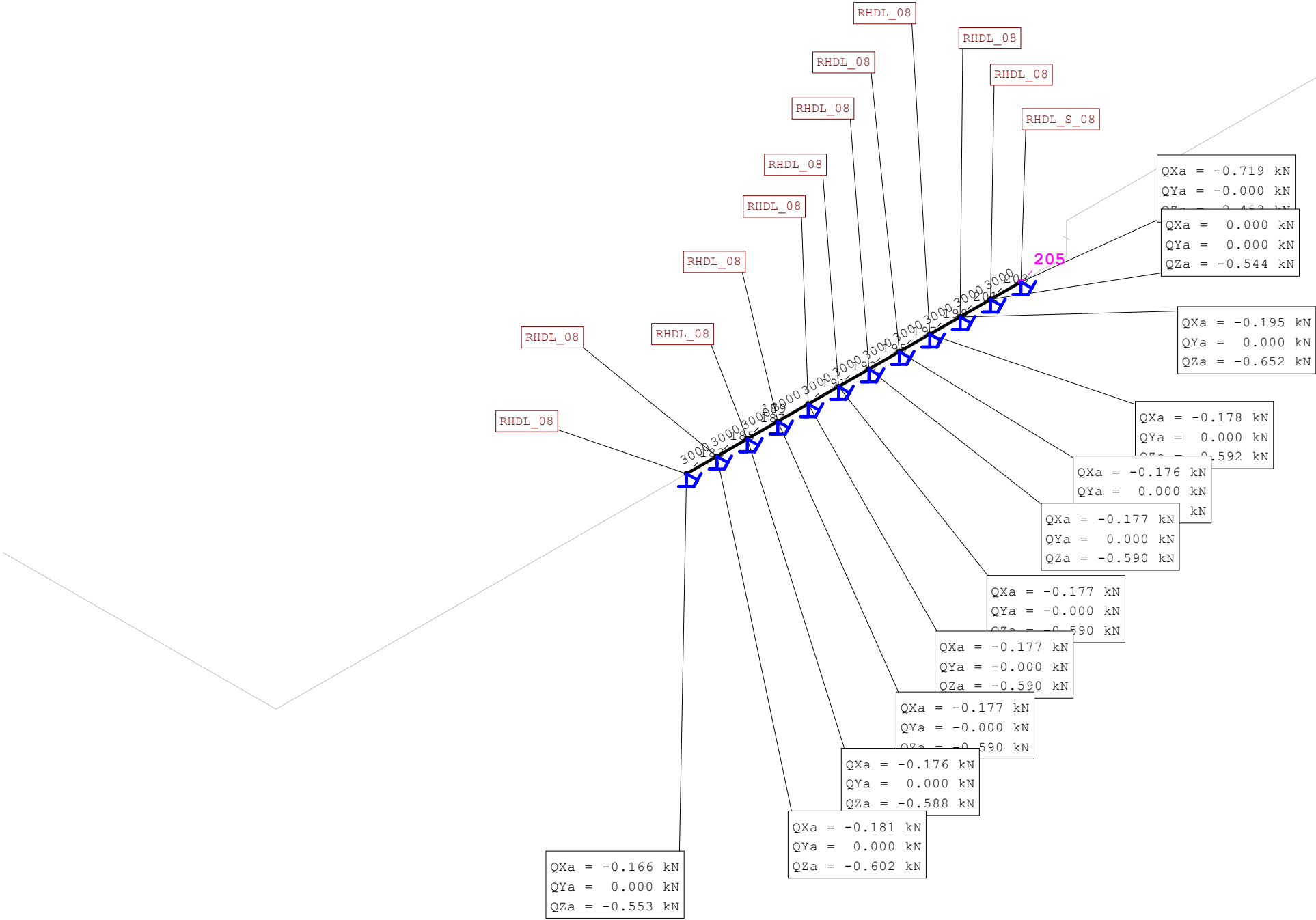
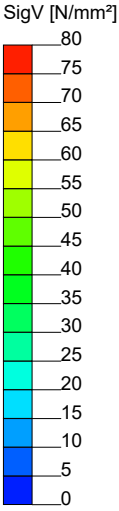


Results load case Extreme value - SIG-V: Extreme value: 16.9 N/mm², node 159 (visible region)

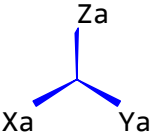
T Rigid support  
X Anchor point




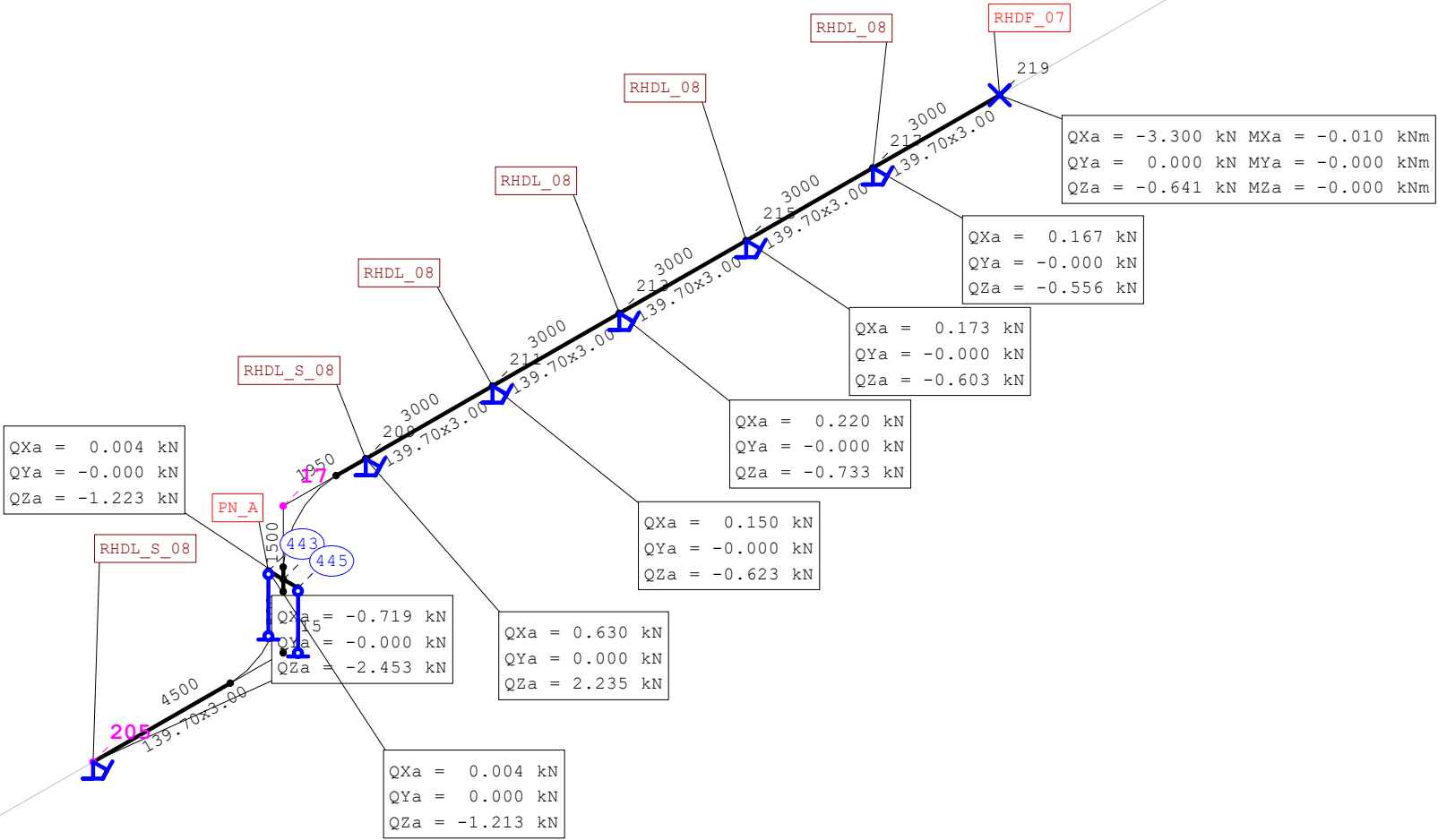
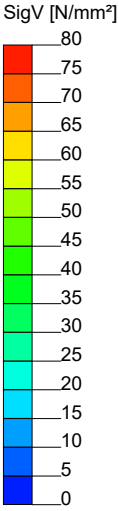
	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_06	



Results load case Extreme value - SIG-V: Extreme value: 41.5 N/mm², node 205 (visible region)

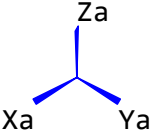



	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_07	

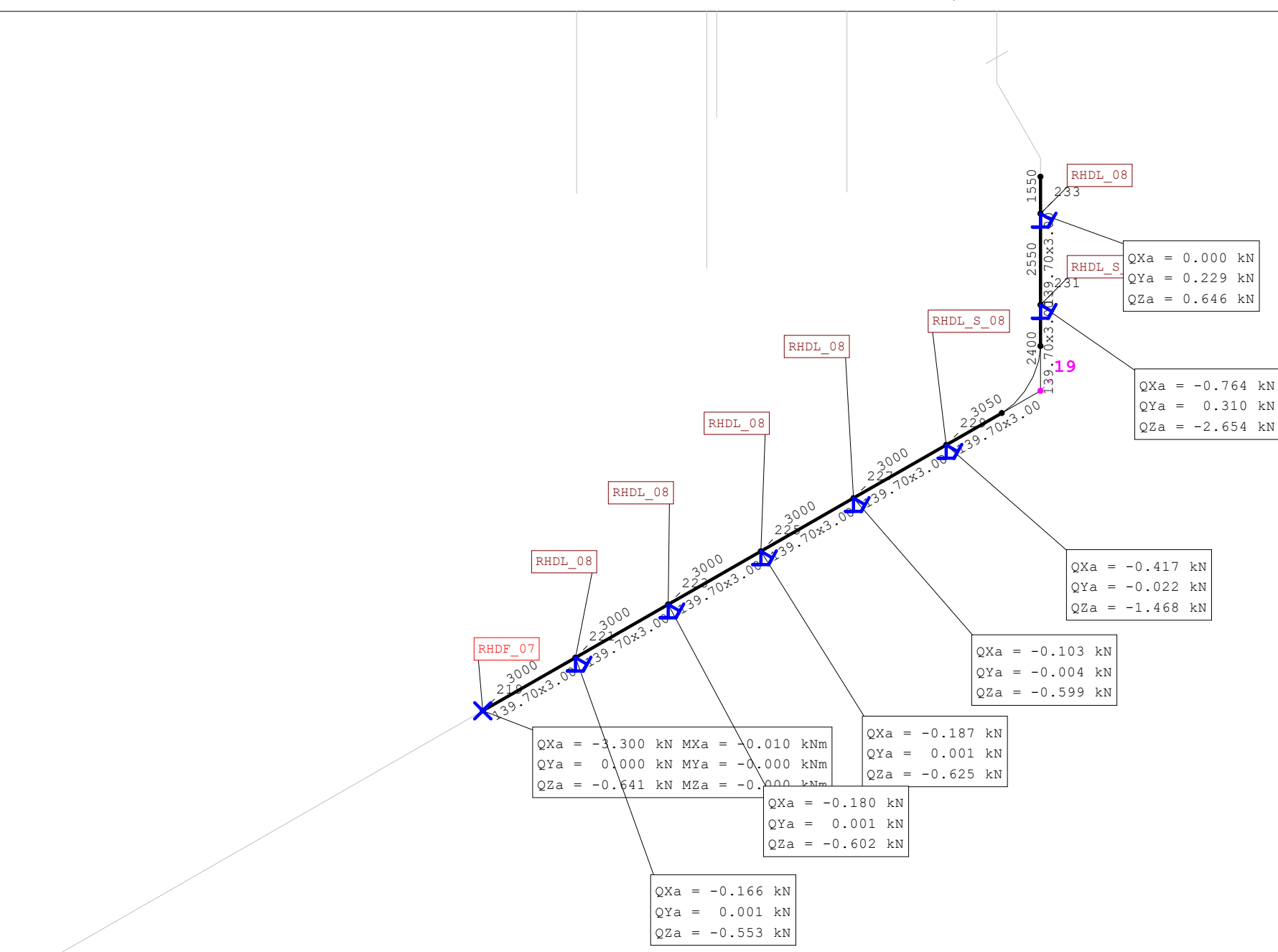


Results load case Extreme value - SIG-V: Extreme value: 71.8 N/mm², node 17 (visible region)


- Spring
- Rigid support
- Anchor point



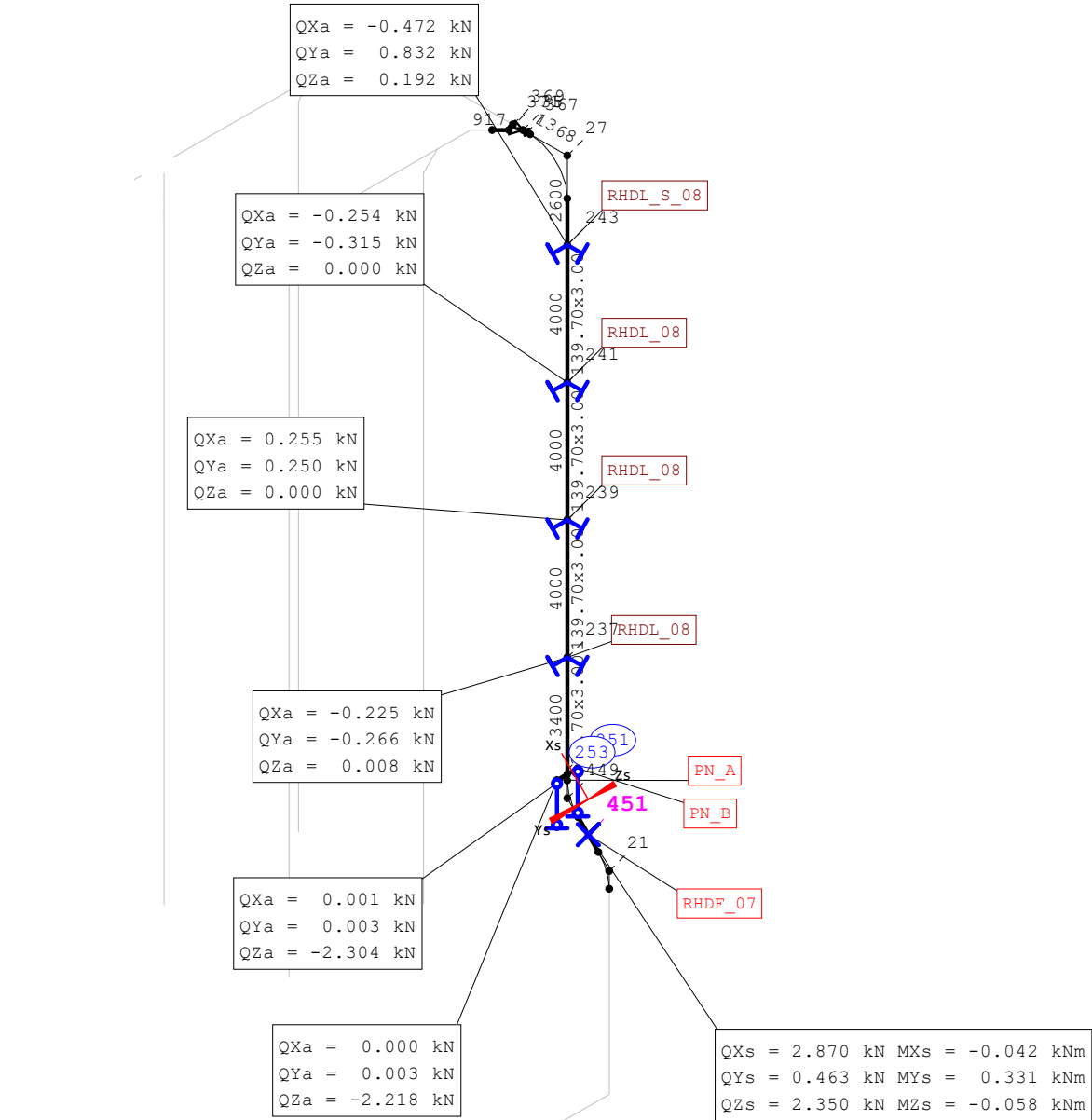
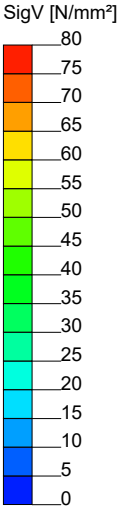
	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_08	



A diagram showing a three-way fork. Three blue lines radiate from a central point. The top line is labeled 'Za', the bottom-left line is labeled 'Xa', and the bottom-right line is labeled 'Ya'.

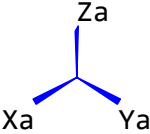
		<b>Zepelin Systems GmbH</b> <b>Graf-Zeppelin Platz 1</b> <b>D-88045 Friedrichshafen</b>	<b>ROHR2</b>
<b>Commiss.:</b>	<b>X00622</b>		<b>Date :</b> 10/14/21
<b>Project:</b>	<b>GETEC DSM Emmen. Conveying Line 01</b>		
<b>Drawing:</b>	<b>Conveying to Silo AT-16/17/26/27</b>		
	<b>Conveying Line 01_09</b>		


System: C:\Users\senjalap\Documents\Projects\ZB0783\Rohr2\System 01\_0\System 01\_0.r2w, No. of nodes: 197

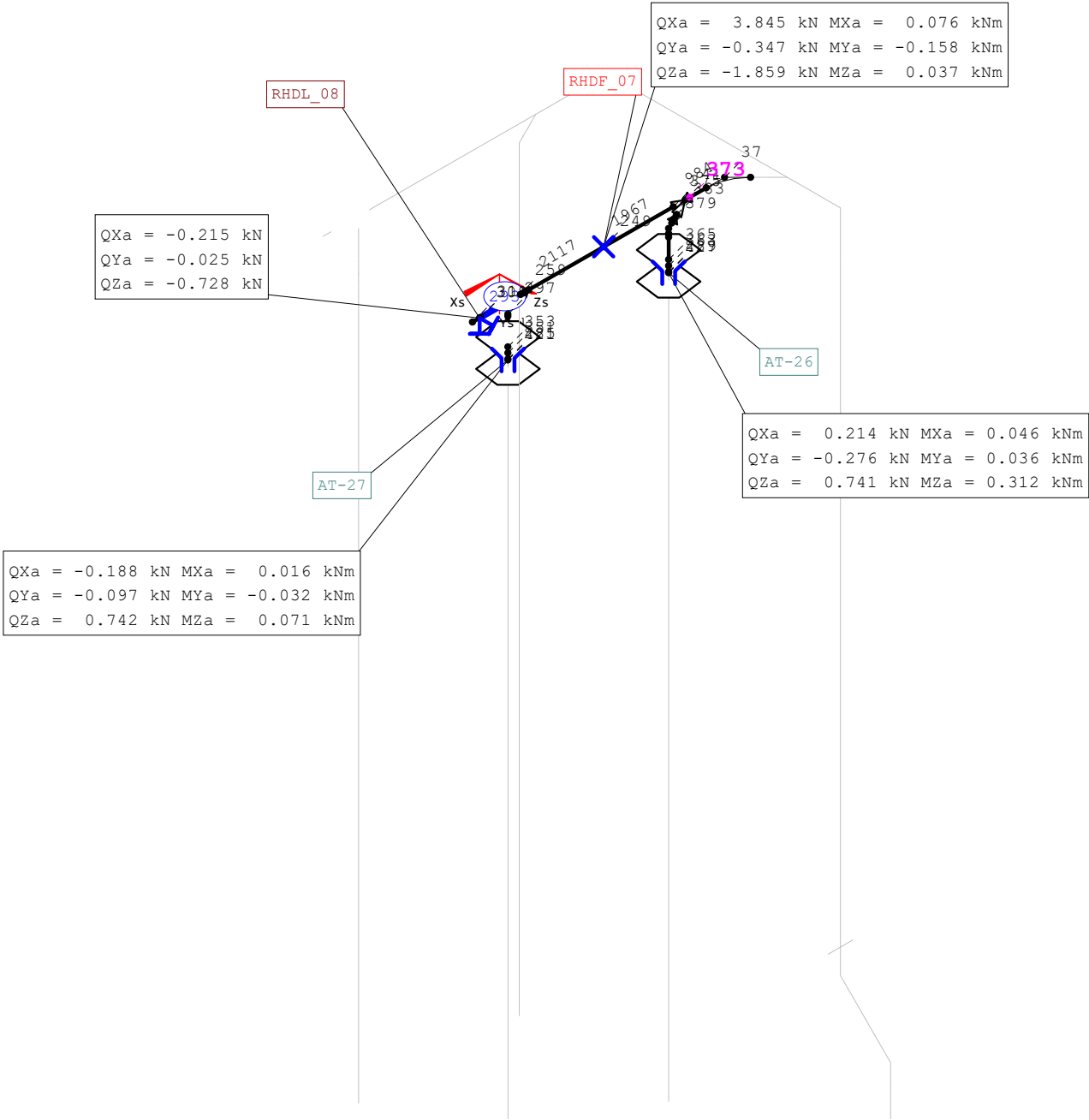
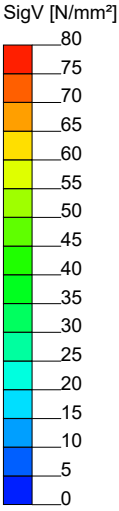


Results load case Extreme value - SIG-V: Extreme value: 26.8 N/mm², node 451 (visible region)

- Spring
- Rigid support
- Anchor point

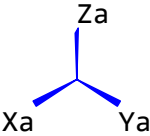



	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_10	

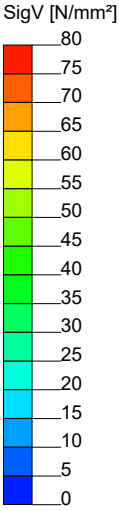


Results load case Extreme value - SIG-V: Extreme value: 34.0 N/mm², node 373 (visible region)

- Anchor point
- Nozzle
- Rigid support
- Anchor point



	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	ROHR2
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_11	



QXa = 3.241 kN MXa = 0.086 kNm  
QYa = -0.448 kN MYa = -0.469 kNm  
QZa = -2.358 kN MZa = 0.055 kNm

RHDF\_07

QXa = 0.721 kN MXa = 0.466 kNm  
QYa = -3.868 kN MYa = 0.094 kNm  
QZa = -2.141 kN MZa = 0.154 kNm

RHDF\_07

QXa = -0.172 kN  
QYa = -0.031 kN  
QZa = -0.584 kN

RHDL\_08

QXa = -0.383 kN MXa = 0.046 kNm  
QYa = -0.274 kN MYa = -0.065 kNm  
QZa = 0.862 kN MZa = 0.478 kNm

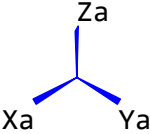
AT-16


AT-17

QXa = -0.266 kN MXa = 0.020 kNm  
QYa = -0.119 kN MYa = -0.045 kNm  
QZa = 0.636 kN MZa = 0.063 kNm

Results load case Extreme value - SIG-V: Extreme value: 40.2 N/mm², node 247 (visible region)

- Anchor point
- Nozzle
- Rigid support
- Anchor point



 <b>ZEPPELIN</b> WE CREATE SOLUTIONS	Zeppelin Systems GmbH Graf-Zeppelin Platz 1 D-88045 Friedrichshafen	<b>ROHR2</b>
Commiss.:	X00622	Date : 10/14/21
Project:	GETEC DSM Emmen. Conveying Line 01 Conveying to Silo AT-16/17/26/27	
Drawing:	Conveying Line 01_12	