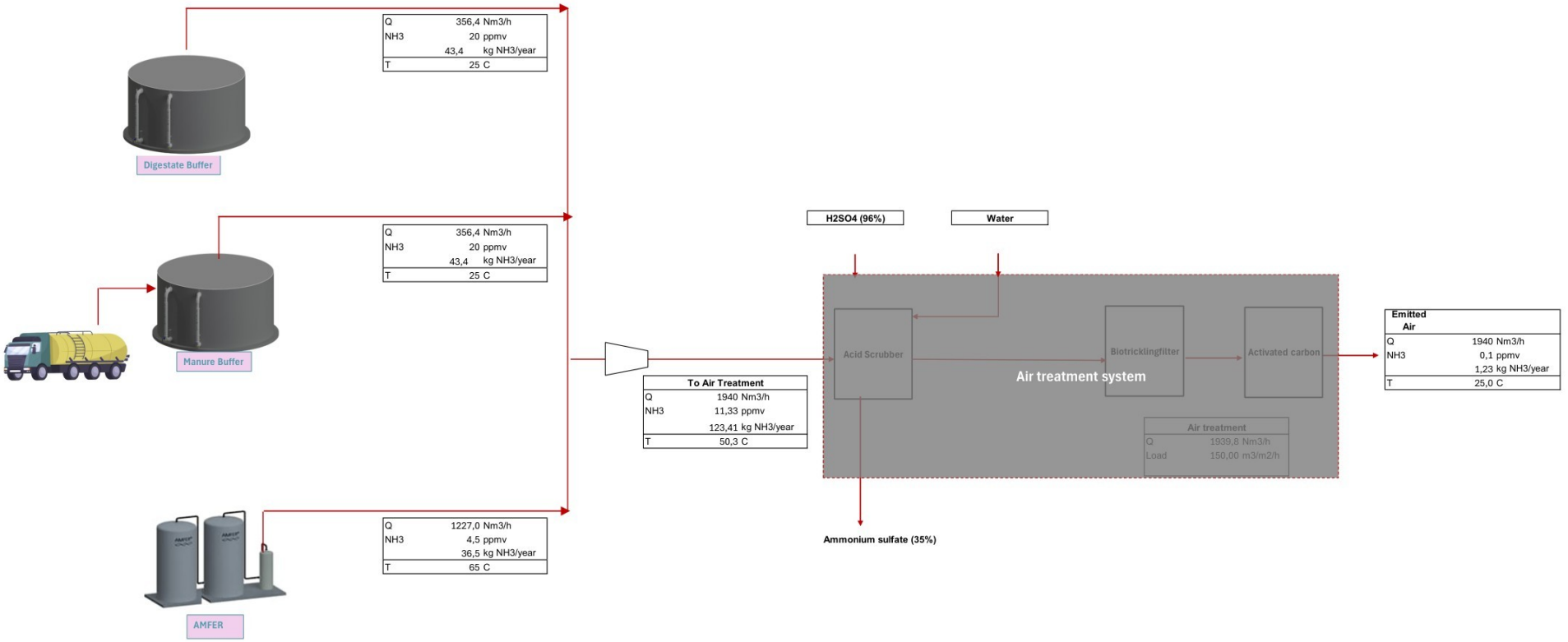

Digestate Buffer
Q 356,4 Nm3/h
NH3 20 ppmv
43,4 kg NH3/year
T 25 C
Manure Buffer
Q 356,4 Nm3/h
NH3 20 ppmv
43,4 kg NH3/year
T 25 C
AMFER
Q 1227,0 Nm3/h
NH3 4,5 ppmv
36,5 kg NH3/year
T 65 C
To Air Treatment
Q 1940 Nm3/h
NH3 11,33 ppmv
123,41 kg NH3/year
T 50,3 C
H2SO4 (96%)
Water
Acid Scrubber
Biotricklingfilter
Activated carbon
Air treatment system
Air treatment
Q 1939,8 Nm3/h
Load 150,00 m3/m2/h
Ammonium sulfate (35%)
Emitted Air
Q 1940 Nm3/h
NH3 0,1 ppmv
1,23 kg NH3/year
T 25,0 C