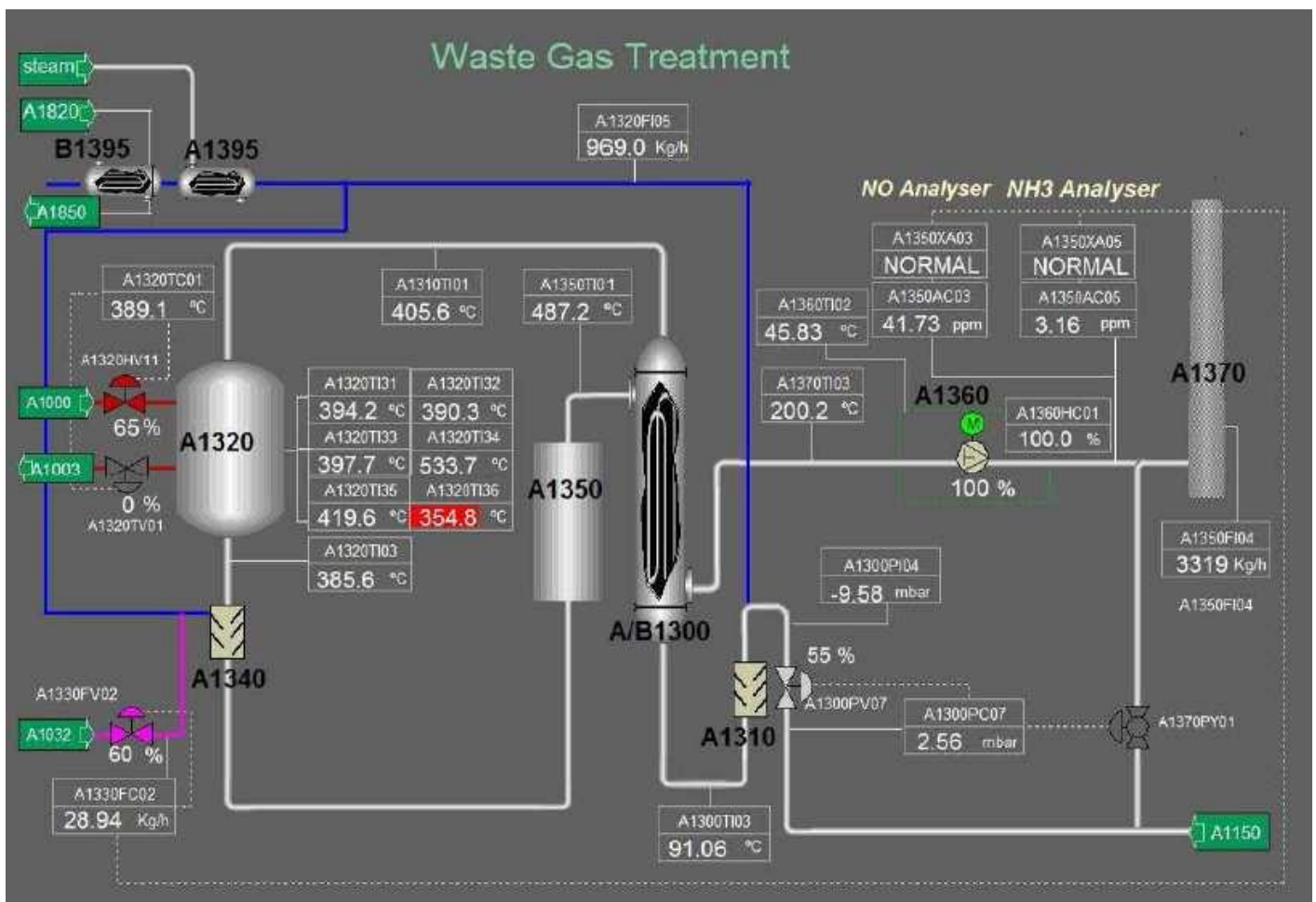


Reference Lonza Nansha, China (start-up 2005)

Off gas from A1150

- 4 % O₂
- 1 % NH₃
- 4 % CO₂
- 0.2 % C₆H₇N
- 0.2 % HCN
- 2.5 % H₂O
- 88 % N₂



A1320→oxi catalyst BASF catalyst R O-25/15, 520 kg (tube shell HE where catalyst is filled on tube side and molten salt on shell side running at 390 degC in order to recover energy)

A1350→DeNOx catalyst BASF catalyst O4-85 (honeycomb)

A/B 1300→Gas/Gas HE

A1310/A1340→Static mixers

Normal condition:

- Air from HE A/B 1395 about 920 kg/h
- NH₃ from A1032 about 20 – 30 kg/h
- Waste gas from A1150 about 2460 kg/h (see w% in list above)
- Total flow to stack about 3380kg/h