

International Paper Kwidzyn

Technical and Economical Technology Comparison of
Flue Gas Desulphurization (FGD) Plant Retrofit, 420 t/h

Flue Gas Treatment



Requirements:

- SO₂ concentration at stack of 150 mg/m³ (STP@6% O₂)
- 33 – 100 % load

Technologies:

- Circulating Fluidized Bed FGD
- Spray Dry Process with burnt lime
- Wet Process with NaOH
- Wet Process with lime or limestone

Scope of Supply for all Technologies:

- Mass balances and process flow diagrams
- Process description
- Main equipment sizing
- General arrangement
- Cost estimation
- Sensitivity Analyses

Literature can be provided upon request

- Steinmüller Engineering Conference 2016 "Modernization and Optimization of Flue Gas Cleaning Plants" page 23-36

Please contact us for further information.