

# Brick Plants



- High  $\text{SO}_2$  concentrations
- 10-50  $\text{mg}/\text{m}^3$  HF
- Difficult with extractive analysers

# Applications



- Continuous Emissions Monitoring

- SO<sub>2</sub> FGD

## GASES:

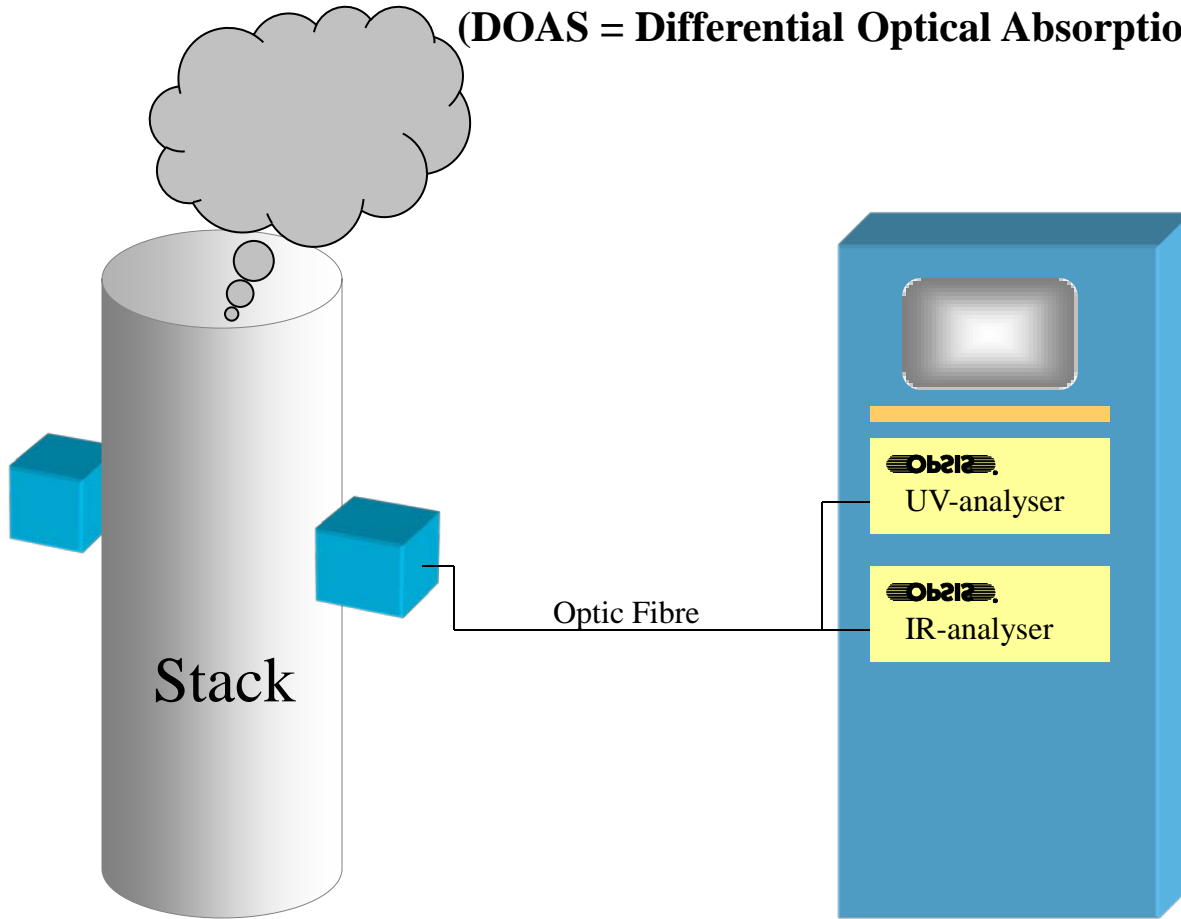
- SO<sub>2</sub>, NO, NO<sub>2</sub>
- CO, CO<sub>2</sub>, H<sub>2</sub>O
- HF, HCL

# Brick Plant Referenses

- Hanson Brick in UK, 9 units
- Belden Brick in USA, 3 units
- Redland Brick, USA, 1 unit
- Austral Brick, Australia, 1 unit
- Midland Brick, Australia, 2 units

# THE DOAS MULTIGAS CEMS

(DOAS = Differential Optical Absorption Spectroscopy)



Monitoring of:

NO<sub>x</sub>

SO<sub>2</sub>

CO

CO<sub>2</sub>

H<sub>2</sub>O

HCL

HF

NH<sub>3</sub>

Hg

And more....

German TÜV approved No sample system = Low maintenance Complies with U.S. EPA

Multi path capability

References worldwide

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# Belden brick



# Belden brick



# Belden brick

