

# ~~PROCAL~~

## EXAMPLES OF PULSI 200 INSTALLATIONS

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### Continuous Emission Monitoring In-situ Stack Gas Analysers

- Compliant / Certified
- Reliable / High Availability
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- Complete CEMS/AMS package
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European  
EN14181  
QAL 3  
Compliant

US EPA  
40 CFR  
Part 60&75  
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## ORICA

Australia

Industry: Nitric Acid  
10 x Pulsi 250

Duty:

Control / CEM

Ranges:

NO	0-500	ppm
NO	0-2,500	ppm
NO <sub>2</sub>	0-300	ppm
NO <sub>2</sub>	0-1,500	ppm
N <sub>2</sub> O	0-5,000	ppm



## Clark Oil

United States of America

Industry: Petrochemical  
1 x Pulsi 220

Duty:

CEM

Ranges:

SO <sub>2</sub>	0-2,500	ppm
CO <sub>2</sub>	0-25%	



## Dyno Nobel

Canada

Industry: Nitric Acid  
5 x Pulsi 270

Duty:

Control / CEM

Ranges:

NO	0-450	ppm
NO	0-9,000	ppm
NO	0-4%	
N <sub>2</sub> O	0-500	ppm
N <sub>2</sub> O	0-1%	
CH <sub>4</sub>	0-8,000	ppm
CO <sub>2</sub>	0-5%	



## Jaguar

United Kingdom

Industry: Automotive  
5 x Pulsi 220

Duty:

Control / CEM

Ranges:

CO	0-2500	mg/Nm <sup>3</sup>
CO <sub>2</sub>	0-10%	



## BHP

Australia

Industry: Steel  
3 x Pulsi 230

Duty:

Control / CEM

Ranges:

NO

0-600 mg/Nm<sup>3</sup>

SO<sub>2</sub>

0-300 mg/Nm<sup>3</sup>

NH<sub>3</sub>

0-100 mg/Nm<sup>3</sup>



## Caltex

Australia

Industry: Petrochemical  
8 x Pulsi 260

Duty:

CEM

Ranges:

NO

0-500 ppm

NO<sub>2</sub>

0-500 ppm

SO<sub>2</sub>

0-2,000 ppm

H<sub>2</sub>O

0-15%

CH<sub>4</sub>

0-8,000 ppm

CO<sub>2</sub>

0-15%



## Abitibi Bowaters

Canada

Industry: Biomass  
2 x Pulsi 260

Duty:

CEM

Ranges:

CO

0-2,000 ppm

NO<sub>2</sub>

0-300 ppm

SO<sub>2</sub>

0-300 ppm

H<sub>2</sub>O

0-30%

NO

0-800 ppm

CO<sub>2</sub>

0-15%



## Perry Lime

New Zealand

Industry: Cement & Lime  
1 x Pulsi 250

Duty:

Control / CEM

Ranges:

SO<sub>2</sub>

0-1,000 mg/Nm<sup>3</sup>

NO<sub>x</sub>

0-400 mg/Nm<sup>3</sup>

CO

0-250 mg/Nm<sup>3</sup>

CO<sub>2</sub>

0-20%

H<sub>2</sub>O

0-20%



### P&O Pride of Kent

United Kingdom

Industry: Marine  
1 x Pulsi 230

Duty:	Control / CEM	
Ranges:	SO <sub>2</sub>	0-250 ppm
	NO <sub>x</sub>	0-1,500 ppm
	CO <sub>2</sub>	0-6%

Sample Temperature 500°C



### Spolana

Czech Republic

Industry: Chemical  
3 x Pulsi 240

Duty:	CEM	
Ranges:	CO	0-250 ppm
	NO	0-500 ppm
	SO <sub>2</sub>	0-1,000 ppm
	H <sub>2</sub> O	0-20%



### Olsztyn

Poland

Industry: Community heating  
1 x Pulsi 240

Duty:	CEM	
Ranges:	CO	0-200 ppm
	NO	0-200 ppm
	SO <sub>2</sub>	0-600 ppm
	H <sub>2</sub> O	0-20%



# And Many More

## PROCAL

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