

## [Worldwide] The latest orders awarded to Greco

### Heidelberg, CBR: Antoining

Basis: Proposal 6822-rev 3 (dated 1 September and guarantees sent on 17 September).

Included scope:

- Engineering services.
- Complete burner.
- Accessories pack, including flexible hoses, pressure gauges, butterfly valves, flow meters, pressure transmitters, coal flexible hose and telescopic pipe.
- Hydraulic jack.
- Emergency fan.
- 10 days technical assistance for commissioning.

### Heidelberg, Hanson: Ribblesdale

Included scope:

- Engineering services.
- Complete burner with lances.
- Accessories pack (as above).
- Flame sensor for kiln hood installation.
- 10 days technical assistance for commissioning.

### Heidelberg, Hanson: Ketton

Included scope:

- Engineering services.
- Complete burner without lances.
- Electric igniter.
- Accessories pack (as above).
- Flame sensor for kiln hood installation.
- 10 days technical assistance for commissioning.

### Heidelberg, CBR: Harmignies

Option for 9 months.

Included scope:

- Engineering services.
- Complete burner.
- Accessories pack, including flexible hoses, pressure gauges, butterfly valves, flowmeters, pressure transmitters, coal

flexible hose, telescopic pipe, transition piece, rectangular duct, flexible hoses for solid wastes and lances.

- Trolley.
- Compressed air valve train for oil lance.
- Compressed air valve train for water lance.
- Emergency fan and generator.
- 10 days technical assistance for commissioning.

The delivery time of all these orders will be within 90 days and the main purpose is to reduce NOx emissions by an average of 20% from the present emissions.

### Sonangol (via Sinoma)

Included scope:

- Engineering services.
- Complete burner system for kiln and calciner including thermal oil units for two kilns.
- Accessories pack, including flexible hoses, pressure gauges, butterfly valves, flowmeters, pressure transmitters, coal flexible hose, telescopic pipe, transition piece, rectangular duct, flexible hoses for solid wastes and lances.
- Technical assistance for commissioning.

### Holcim Azerbaijan (via CBMI)

Included scope:

- Engineering services.
- Complete burner system for kiln and calciner.
- Accessories pack (as above).

### Cimentos Tupi, Brazil

- Complete burning system.

### Votorantim Cimentos, Brazil

- Complete burning system for its Xambioa, Nobres and Porto Velho Units including burners, heavy oil handling system and Glycerin handling system.

### Traçim Çimento, Turkey (via TCDRI)

- Coal Fired HGG for 25 Gcal/h.

## [Sweden] Cementa AB celebrates commissioning

In 2008, Intensiv-Filter received the complete contract for the supply, installation and commissioning of a "ProJet mega<sup>®</sup>" bag filter for one of the largest cement plants in Northern Europe: Cementa AB, a subsidiary of HeidelbergCement. The plant is located in Slite on the Swedish island of Gotland.

After only six months of construction, the new bag filter was successfully put into operation on rotary kiln line 8 in early November. The initial startup was carried out by the Chairman of the Board of HeidelbergCement. In addition to the filter – designed for a volume flow of approximately 1.2 million m<sup>3</sup>/h – Intensiv-Filter was responsible for the pipes, the dust transport system, fan, steel works and the entire assembly.

The pre-assembled steel components and ducts were transported by heavy and specialised transport by land and sea

from Germany to Sweden. Altogether, more than 160 t of steel and about 80 t of ducts with diameters of 3.00 m and 4.50 m, respectively, were assembled.

