



VORTEX BLASTAIR QUESTIONNAIRE

CEMENT INDUSTRY / HIGH TEMP.

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Date : __ / __ / ____

Followed by:

Customer

Company :

Address :



:



:

e-Mail :

Contacts : Mr : Function : ☎ :

Mr : Function : ☎ :

Technical information

- Kiln constructor: FLS ☐ Polysius ☐ KHD ☐ Kawasaki ☐ Kobe steel ☐ IHI ☐ FCB ☐
- Kiln capacity Tons per day : Other ☐
- Number of cyclones stage : 3 ☐ 4 ☐ 5 ☐
- Precalciner: Yes ☐ No ☐
- Cooler: Grate ☐ other ☐ Constructor

Pneumatic supply

- Air pressure available: ☐ Bar ☐ PSI
- Volume: ☐ m3/hour ☐ cfm

Electric supply

- Voltage: ☐ 220 V ☐ 110 V
- Cycle: ☐ 50 Hz ☐ 60 Hz



clinker analysis

SiO₂:

Al₂O₃:

Fe₂O₃:

CaO:

MgO:

So₃:

K₂O:

CL:

Build up location

- ☐ Kiln inlet
- ☐ Smoke chamber
- ☐ Riser Duct
- ☐ Cyclone 3 ☐ 4 ☐ 5 ☐
- ☐ Feeding pipes Cyclones 3 ☐ 4 ☐ 5 ☐
- ☐ Cooler Supplier
- ☐ ID Fan Supplier
- ☐ Burner pipe Supplier
- ☐ Other location (please specify)

Build up description

☐ SOFT ☐ MEDIUM ☐ HARD

Time for build up to form?

- ☐ Less than 2 hours
- ☐ 2 to 4 hours
- ☐ 4 to 8 hours
- ☐ more than.....hours

Build up thickness?

- ☐ less than 300 mm
- ☐ 300 to 600 mm
- ☐ 600 to 1 meter
- ☐ more than1 meter



Present method and cleaning frequency?

Method?

Frequency per 8 hours shift?
(Add up man hours : 2 man 2 hours each = 4 h)

- | | |
|--|---|
| ☐ Manual poking | ☐ Less than 1 hour |
| ☐ Water jetting | ☐ 1 to 3 hours per shift |
| ☐ Low pressure compressed air | ☐ 4 to 6 hours per shift |
| ☐ Air cannons (brand?) | ☐ More? |
| ☐ Cardox | |
| ☐ Other method (please specify) | |

Current fuel being used?

- | | |
|---|-----------------------|
| ☐ Coal% | Sulfur rate % |
| ☐ Petcoke% | Sulfur rate % |
| ☐ Waste materials.....% | (Please specify)..... |
| ☐ Tyres | |
| ☐ Oil | |
| ☐ Other (please specify) | |

In case of additional burners used on precalciner, please specify % ratio

Kiln stoppage

In the past 12 months, have you stopped operation due to build up?

☐ NO ☐ YES How many times?

Which area?

When is your next scheduled stoppage?

Duration?

You demand more? We offer more blasting power for less cost!

We thank you for your time! (Kindly provide us with drawings
Indicating build up areas)

