



VULCAN

REFRACTORIES APPLICATIONS POWER GENERATION

Process Information : Coal Fired Burner Quarls

Changes in the power industry has led to increasing periods between boiler outages which in turn has put heavier demands on the burner quarl refractories to achieve longer service life.

In addition, Low NOx burner systems demand accurate throat and profile geometry to ensure the consistent air volume required in controlled under combustion.



- Process temperatures up to 1400°C
- Neutral atmospheres overall but with local reduction and oxidation
- Deposition of siliceous slag
- Localised abrasion
- Rapid ΔT in hot start situations

DISCLAIMER

Any advice, opinion, recommendation or information is given to assist the use of the company's products but on the basis that the end user must ensure their suitability for the application intended.

In particular the company cannot accept liability for loss or damage which may arise from the incorrect use of its products or from poor workmanship on the part of the user.

Information is compiled from routine quality control testing and does not constitute a specification.

Information is provided in good faith and is subject to review whenever necessary and no guarantee or warranty is implied.

THIS CD-ROM IS VALID UNTIL 31/12/2002 TO RECEIVE A CURRENT ISSUE PLEASE CONTACT VULCAN REFRACTORIES

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