Pundit 200

Location of cracks in refractory material

Any internal crack will cause a refractory brick to break into pieces during usage and consequently can be harmful to the whole system, such as a tunnel kiln, in which it is being used. Refractory bricks which have internal cracks need to be segregated from the good ones. This is a critical process during the production stage.

The Pundit 200 is a best-in-class Ultrasonic Pulse Velocity (UPV) test instrument for examining the quality of concrete and other materials such as refractory material, rock, wood and ceramics. The presence of internal cracks can easily be detected by looking for significant increases in the measured pulse velocity.

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