

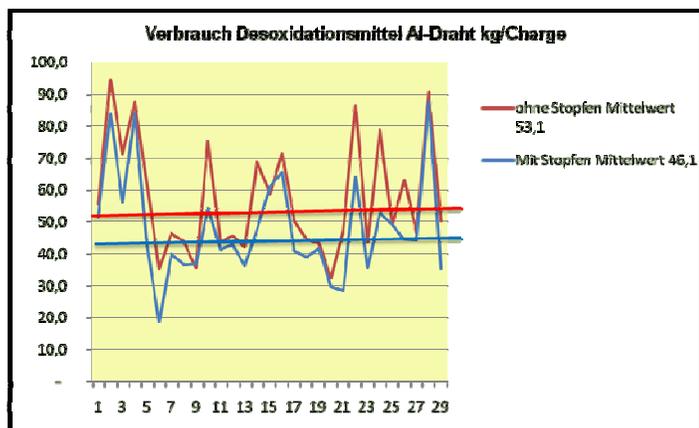
## Introduces

# CONEPLAST® SLAG STOPPER

### Slag Control System for BOF Converters

The CONEPLAST® Slag Control System consists of a patented refractory plug that is inserted into the taphole of the converter prior to charging the furnace. The benefits of using this system include:

- Reduction of initial slag carryover
- Minimization of carryover slag by prevention of the vortex effect
- Reduction in the need for alumina and other alloy additions
- Improvement in overall steel quality due to less slag and therefore less oxygen reversion
- Cleaner ladle lips
- Longer ladle refractory life



Al wire consumption at same steel quality **without** and **with** Coneplast Stopper

#### Savings on alloys and Al wire when using the Coneplast® Stopper

Customers have reported savings of more than \$77.00 per heat on aluminum wire and alloy additions

#### Typical Example of Slag Reduction Using the Coneplast® System (Assuming 3300 pounds total slag)

Without Coneplast®	With Coneplast®
• 496 pounds Initial Slag	• < 10 pounds Initial Slag
• 1984 pounds Vortex & Carryover Slag	• 1158 pounds Vortex & Carryover Slag
• 820 pounds End of Tap Slag	• 820 pounds End of Tap Slag
• <b>3300</b> pounds of Slag in Ladle at end of tapping	• <b>1988</b> pounds of Slag in Ladle at end of tapping

The above results show a decrease in ladle slag of approximately **40%** when using the Coneplast® Stoppers

At AMEH the reduction of slag carryover with the Coneplast® Slag Stopper is more that 30%.

Trials in the United States have shown slag reductions of over 40%.

**MPE-US is the exclusive distributor of the Coneplast® Slag Reduction System in North America**  
Contact MPE-US today for more information and to see what the Coneplast® Slag Reduction System can do for you!



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