SpeTraCo 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

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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)

<table>
<thead>
<tr>
<th>Without Coneplast®</th>
<th>With Coneplast®</th>
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<tbody>
<tr>
<td>496 pounds Initial Slag</td>
<td>&lt; 10 pounds Initial Slag</td>
</tr>
<tr>
<td>1984 pounds Vortex &amp; Carryover Slag</td>
<td>1158 pounds Vortex &amp; Carryover Slag</td>
</tr>
<tr>
<td>820 pounds End of Tap Slag</td>
<td>820 pounds End of Tap Slag</td>
</tr>
<tr>
<td>3300 pounds of Slag in Ladle at end of tapping</td>
<td>1988 pounds of Slag in Ladle at end of tapping</td>
</tr>
</tbody>
</table>

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!