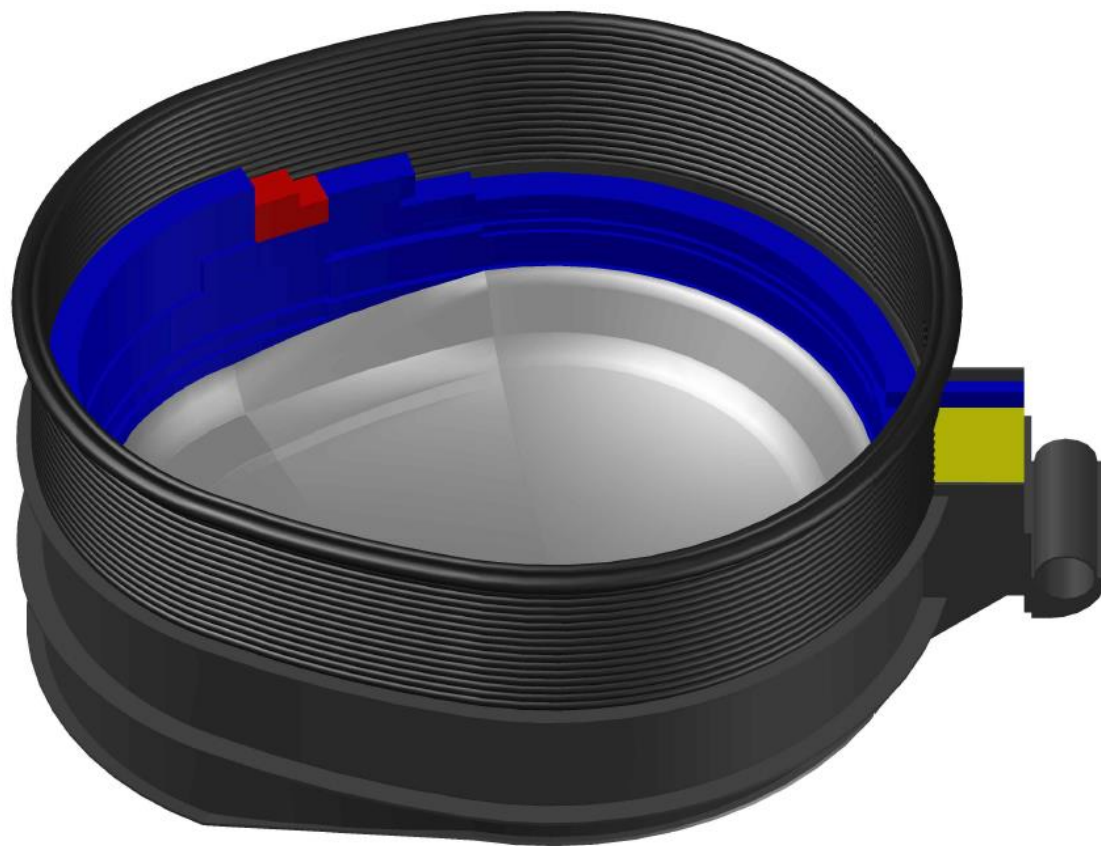




Mayerton Refractories Case Studies – EAF

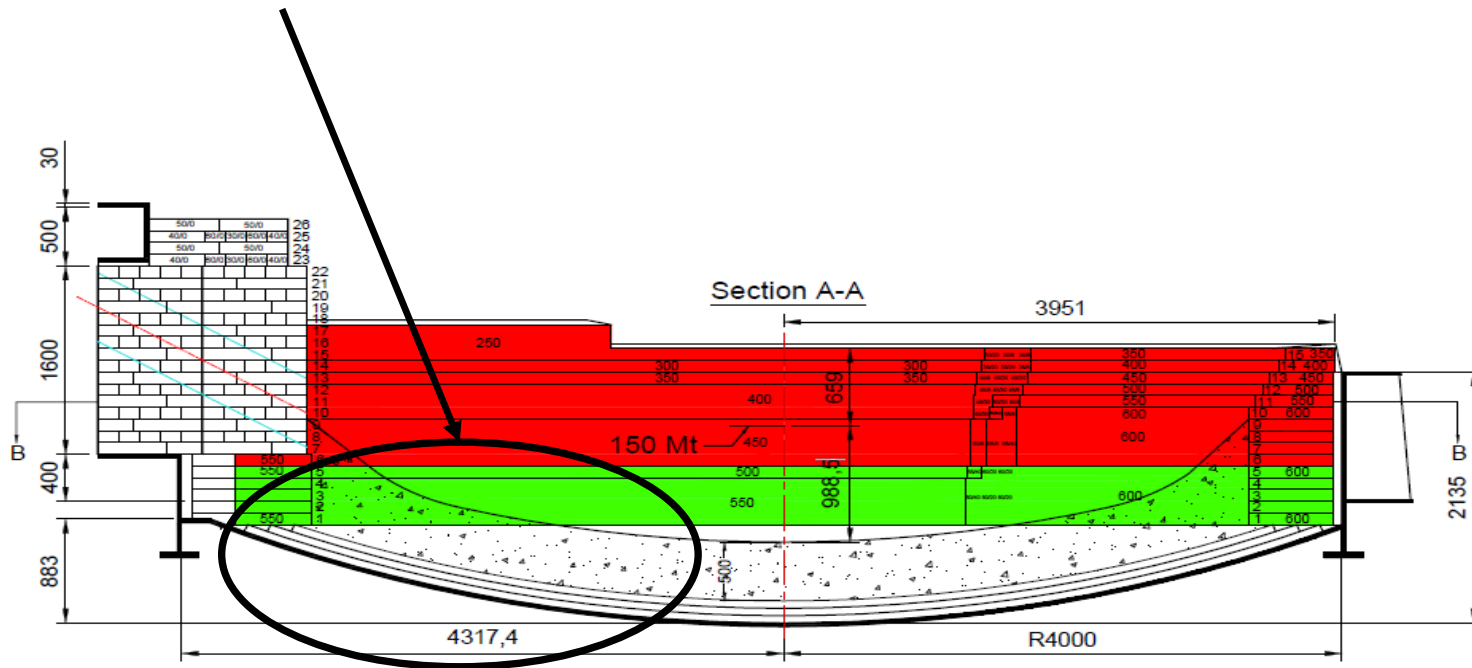
June 2019



EAF Case Study A



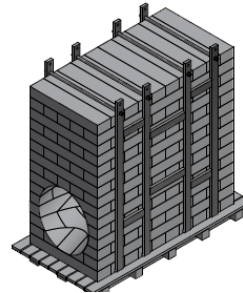
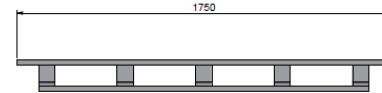
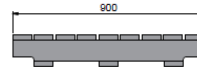
Designed a more cost effective lining with the lower walls below the hearth mass using a lower cost brick quality
Cost saving ~ Euro 8,000 per lining
No decrease in Lining Performance



EAF Taphole Block Case Study B



Design taphole block for Stainless EAF
Bespoke design, built and completed in our factory
Reduced installation time, improved performance of the taphole area



Tolerances: +/- 1mm unless otherwise stated | All dimensions are in mm unless otherwise stated

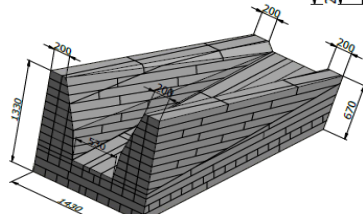
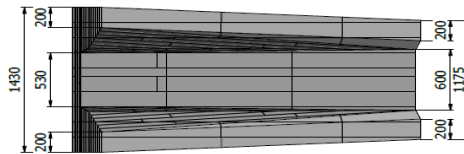
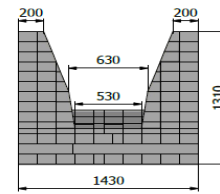
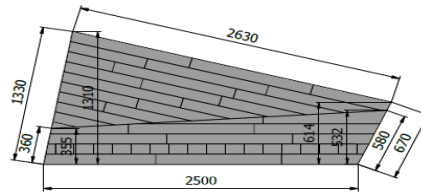
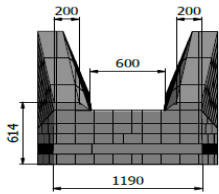
EAF Taphole Spout Case Study C



Design taphole spout for EAF

Bespoke design, built and completed in our factory

Reduced installation time, improved performance of the taphole area



ES014-EAF-THB-03
Volume = 2350503cc

Brick List			
Brick Shape	Volume cc	QTY	Place in block
65/0	9750	27	Bottom
65/0 (80MF)	5200	3	Bottom
100/0	15000	72	Bottom
100/0 (80MF)	8000	6	Bottom
100/0 (150L)	22500	18	Bottom
1000x150x80	12000	2	Bottom
430x150x100	6450	18	Bottom
40/0	6000	12	Sides
65/0	9750	30	Sides
100/0	15000	78	Sides

Tolerances: +/- 1mm Unless Otherwise Stated All dimensions are in mm unless otherwise stated

Designed by: E. Juska Date: 04/06/2019 Checked by: M. Valdes Date: 04/06/2019 Approved by: N. Pywell Date: 04/06/2019 Scale: NTS