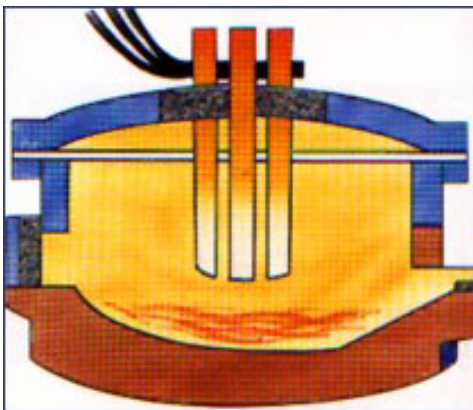
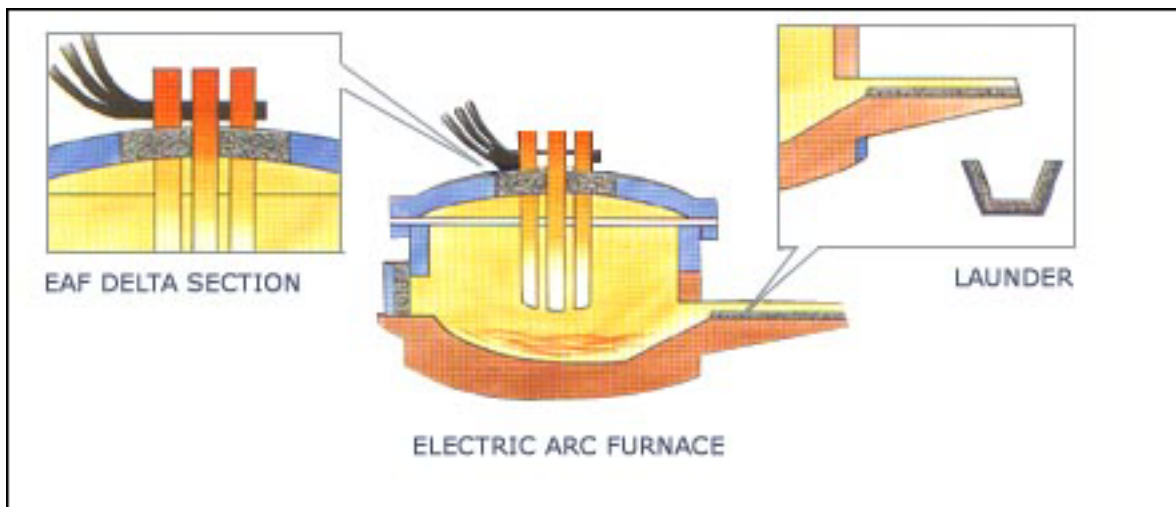


FIBRETECH: SAVING COSTS IN ELECTRIC ARC FURNACE STEELMAKING

A unique range of Stainless Steel Fibres for Electric Arc Furnace Refractories offering:

- Improved Refractory Performance
- Lower Installation Costs
- Better Operating Efficiency
- Lower Refractory Costs
- Increased Operating Plant Availability



ELECTRIC ARC FURNACE

Delta Section

In this important application damaged refractory causes expensive heat loss and repair. Fibres minimise these costs, particularly in the thin refractory walls between electrodes, denying heat an escape path and keeping energy and production costs down.

Recommendation: ME 446

Launder/Pouring Spout

Thermal shock associated with repeated teeming of molten steel through the launder results in cracked or spalled refractory and reduces the launder's campaign life. Fibre reinforcement inhibits cracking and retains the refractory intact, thereby considerably extending service life and reduced maintenance costs.

Recommendation: ME 446

Furnace Door

Radiant heat, slag build-up and removal, and repeated thermal and mechanical shock quickly crack and spall the door's lining, reducing its efficiency and working life. ME fibres will prevent cracking and spalled refractory so maintenance and energy costs remain low.

Recommendation: ME 446