

Ecotrol Valves in Steel Plant

Application: Continuous Caster in Steel Making Unit



Continuous casting is the process by which molten metal is solidified into a semifinished" billet, bloom, or slab for subsequent rolling in the finishing mills. Continuous casting has evolved to achieve improved yield, quality, productivity and cost efficiency. It allows a lower-cost of production of metal sections with better quality, due to the inherently lower costs of continuous, standardised production, as well as by providing increased control over the process through automation. This process is used most frequently to cast steel (in terms of tonnage cast).

Total Control on Fume Flashing

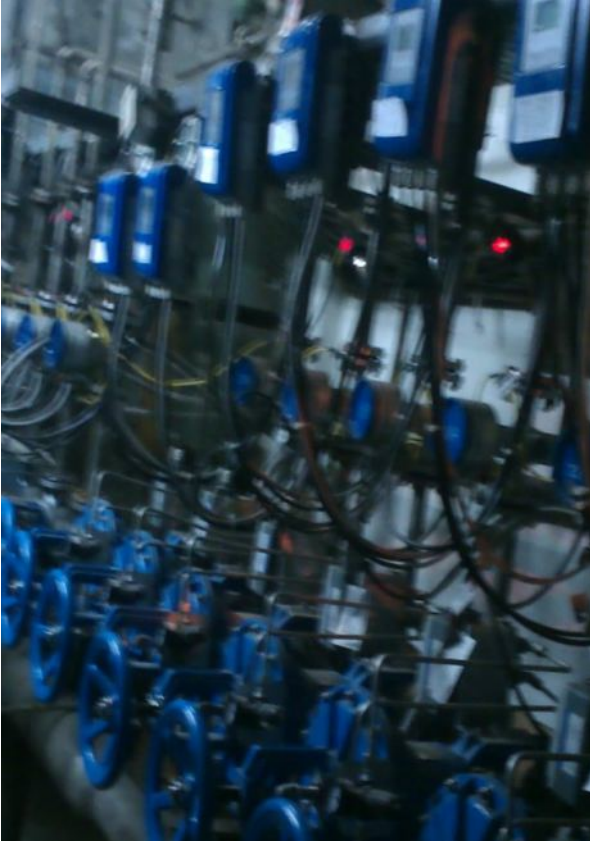
In the primary steel industry, spray cooling is needed in the caster area. While the cooling water is sprayed from the discharge of constant RPM HP or LP pumps, there does exist the need to drain out the excessive water quantity.

Continuous casters in the primary steel making industry and for spray and mould cooling zones in case of secondary steel manufacturers as well.

FM Control Valves with High Turn Down

In view of the continuous variation in demand, coupled with the constantly working RPM pumps, there is a need for high turndown.

Forbes Marshall has the necessary expertise to analyze the need and offer a correct solution. This could include locations where no nozzles are employed at the drains.



Valve stand with flowmeters installed in a steel plant

Application: Steel Making Plants in India and Overseas

Tata Steel

Bhushan Steel

SAIL, Rourkela

SAIL, Vizag

JSW

Siemens, Vai

SMS Siemag

Concast India

Prime Metals

Lechler

Benefits

Comprehensive solutions and expertise from Forbes Marshall, from sight studies to commissioning, are available.



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