



SALTWATER STRAINER – BLAST FURNACE

SUMMARY

Industry: Steel making

Product: Chesterton® ARC SD4i

Plant: Blast furnace salt water strainer

Location: Port Kembla, NSW, Australia

Problem: Severe corrosion lead to replacement of the complete strainer every 2-3 years

Summary: Chesterton® ARC SD4i sprayable ceramic composite used to protect a new mild steel strainer, from corrosion and abrasion.



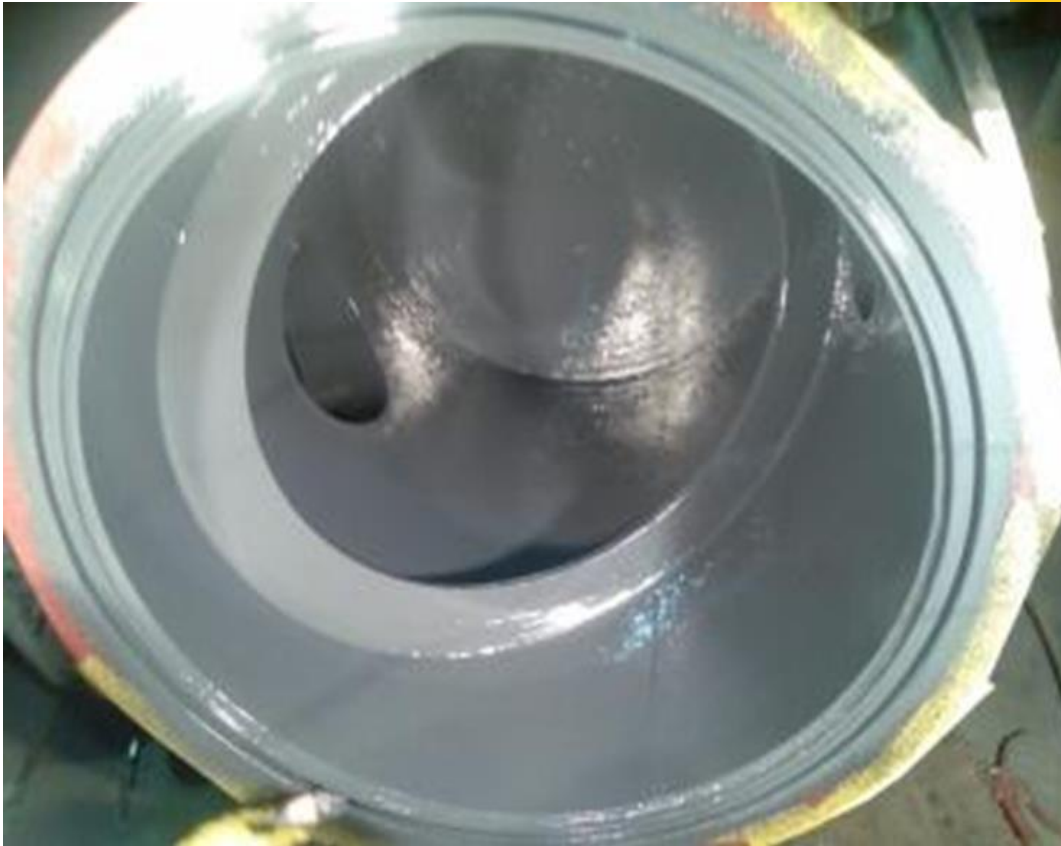
SOLUTION

- Imatech abrasive blasted and applied 2 coats of Chesterton® ARC SD4i ceramic composite coating at 300µ DFT per coat.
- Colour differentiation between coats allows for visual wear inspection.



Stripe coating welds

RESULTS



Chesterton® ARC SD4i provides long term corrosion protection and abrasion resistance in salt water applications.

High gloss smooth finish minimises build up.



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