

Case Study
42 " CS Pipe -3 Layer Polypropylene
Coating Removal by RPR
Induction Technology



42 ” CS Pipe -3 Layer PolypropyleneCoating Removal by RPR Induction Technology

1 Repair Area- Fujairah

Removal of 3 LPP coating from 42 inch pipeline (750mm – length). The RPR Induction Technology works by fast transfer of energy to the steel substrate, as a result securing a controlled heating of the surface and fast removal of coatings.



2 3 LPP Coating Removal From Pipeline

The RPR 1650 performance was very satisfying and it will be recommended in the similar project for the future. Fast sweep-blast was performed before re-coating. RPR 1650 is now a proven technology to remove difficult coatings.



3 Design Criteria

Location	: Fujairah
Machine	: RPR 4-1650,3cables, 20cm head, trolly
Coating Specification	: 3LPP Coating removal by RPR on 42inch CS Pipe
Removal Length	: 750mm from both end of pipe
No of Pipes	: 37 no's
Coating thickness	: 3– 2.5mm
Work Object Size	: 42inch (32 pipe)
Duration	: 10hr/day – 14days
Project Completed	: 19th Feb 2021