

**Case Study**  
**Pipeline - 3 Layer Polypropylene  
(3LPP) Coating Removal by RPR  
Induction Technology**



# Pipeline - 3 Layer Polypropylene (3LPP) Coating Removal by RPR Induction Technology

## 1 Repair Area- Applied Corrosion Technology (ACT), Sharjah-UAE

Removal of 3 LPP coating from 6inch pipeline (12 meters 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	: ACT Yard, Sharjah-UAE
Machine/Utilities	: RPR 4-3 ,1650 cables, 20 cm head, RPR Chiller
Coating Specification:	3 LPP multilayer coating composed of 3 functional components; a high-Performance Fusion Bonded Epoxy primer, Followed by a copolymer adhesive, and an outer layer of Polypropylene.
Pipe Size/Length	: 6inch/12 meters
No of Pipes	: 37 no's
Work Size	: 240 m <sup>2</sup>
Duration	: 10 days