

**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                                 |