

# CASE STUDY: Electro Corrosion in Mechanical Seals

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| <b>INDUSTRY</b>     | Oil& Gas   |
| <b>PROJECT NAME</b> | Electro Corrosion in Mechanical Seals  |
| <b>PRODUCT TYPE</b> | Feasibility Study  |
| <b>DESCRIPTION</b>  | Perform a Feasibility study to understand the mechanism responsible for damages in Feed-Water application due to corrosion. Develop a mechanical seal to minimize or eliminate the effect of Electro corrosion.      |
| <b>RESULT</b>       | Project deliverables included:<br>1- Detailed study of the possible mechanism that caused electro corrosion in mechanical seals<br>2- Identified design features that can minimize or eliminate the damaging effects |
| <b>DURATION</b>     | 3 months   |

File DOC-10 / Electro Corrosion in Mechanical seals

