



Corrosion Residue Analysis

- Metal Analysis
- Composition Analysis
- Corrosive Agents Analysis
- Corrosion Inhibitor Residue Analysis
- Microbiologically induced corrosion (MIC) test

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Corrosion Service





Corrosion Service is a testing service of PTT Innovation Institute providing corrosion of steel testing, corrosion inhibitor evaluation, corrosion residue analysis, and technical consultancy.

The effects of corrosion can be costly and devastating, so it commonly conducts testing before damage occurs, often during changing condition and product design to help corrosion management.



Corrosion of Steel Testing

Corrosive Study

- Material Selection
- Chemical Compatibility

Technique

- LPR Technique
- Weight Loss Technique

Corrosion Inhibitor Evaluation

Performance Evaluation

- Bubble Test
- Pre-partitioning Rotating Cylinder Electrode Test (PRCET)
- Autoclave Test

Physical Properties

- Solubility Test
- Emulsion Tendency
- Foaming Test
- Compatibility Test
- Thermal Stability Test