

	CM-A-05: Laboratory Methodology – Corrosion Simulation (Tutorial)	<p style="text-align: right;">Email: training@corrsmagnet.com Phone: 403-99-4036 Linked in: CorrMagnet Facebook: Corrmagnet Twitter: @corrsmagnet Skype: CorrMagnet</p>
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This tutorial introduces various laboratory methodologies to evaluate corrosion characteristics of materials and environment. The methodologies include static test, dynamic tests (rotating disk electrode, rotating cylinder electrode, rotating cage, and jet impingement), and simulation tests (salt-spray chamber, environmental chamber, and UV chamber). It also lists standards providing guidelines to use these tests.

Ideal Participants

- Research students from academic institutes

Maximum number of participants: 25

Materials

- Handouts of the presentation

Tutorial Organisation

- The tutorial is typically offered in two sessions
- Each session is for 90 minutes duration

Tutorial Contents

- Introduction
- Static Tests
- Dynamic Tests
 - Rotating disk electrode
 - Rotating cylinder electrode
 - Rotating cage
 - Jet impingement
- Simulation Tests
 - Salt spray chamber
 - Environmental chamber
 - UV chamber

Tutorial Outcome

It is anticipated that the participants will acquire knowledge on selecting appropriate laboratory methodologies for evaluating various forms of corrosion

Tutorial Fee

Fee is subsidized fee for student currently conducting research in academic institutes. Nominal fee is charged for professor and teacher. Industry participant pays full fee.

Contact: training@corrsmagnet.com or see events

Tutorial Schedule

Contact: training@corrsmagnet.com or see events