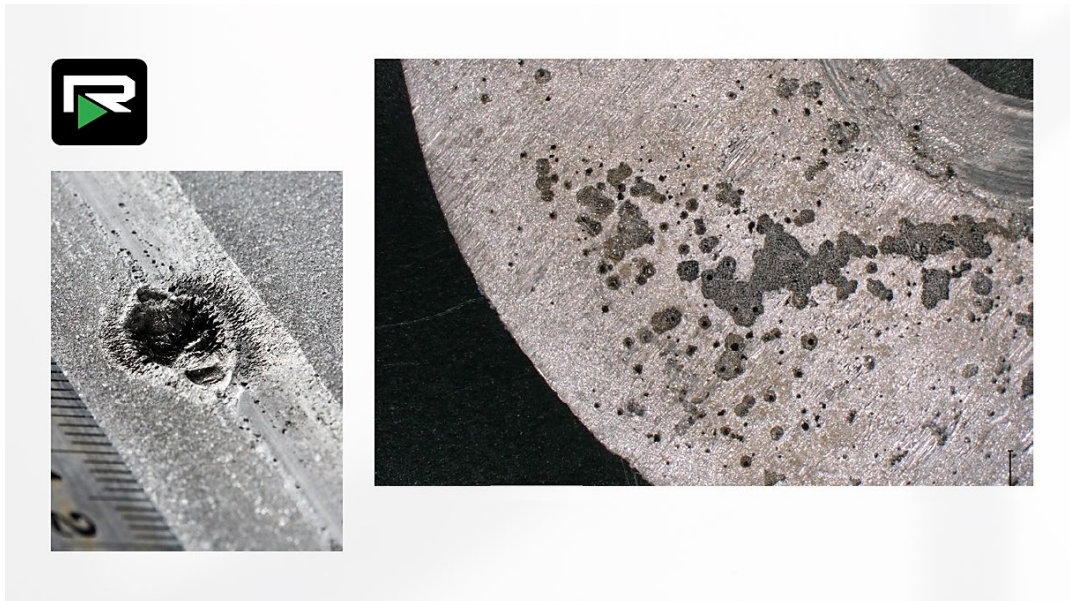


Institute of Corrosion Aberdeen Branch
2023 Corrosion Awareness Day

Sponsored by Rysco Corrosion UK Limited

Introduction to Corrosion



A one-day **in-person** event scheduled 22nd August 2023 to assist the development of those unfamiliar with Corrosion & its prevention. Attendees will be limited to maximum of **50** candidates, early registration is advised. CPD certificates will be provided to attendees.

WHY?

- You will gain a general knowledge of the underlying processes which result in many common types of corrosion.
- You will gain an understanding of the corrosion mechanisms and local conditions related to common metals (including: steel, stainless steel, copper, aluminium and zinc).
- You will gain an insight into the principles of corrosion processes and causes which are specific to a range of common industries (including: concrete, coatings, water, cathodic protection, high temperature corrosion, etc).
- You will learn the basics of the role of the corrosion engineer; mitigations; failure investigation; testing and design issues.

WHAT BENEFIT WILL MY EMPLOYER / COMPANY GAIN?

Companies gain corrosion knowledge through their employees and associates, which can be used to:

- Solve technical challenges within your company, for example in design or production. Ensure any corrosion testing used is relevant;
- Provide confidence with bids / proposals / product quotations, etc, based on an underlying knowledge of how different products perform and are of benefit to corrosion prevention.
- Sales people will understand the corrosion problems and needs of their customers by enabling relevant technical conversations with clients regarding corrosion.

WHERE:**Rysco Corrosion UK**

Unit 10, Technology Centre; Aberdeen Energy Park; Claymore Drive, Bridge of Don, Aberdeen AB23 8GD [parking available on site].

[0519 NSCOT Aberdeen Zone Map](#)

[First Bus Time-table 1B](#)

WHO SHOULD ATTEND:

People desiring an understanding of corrosion science & engineering which may offer career growth to an engineer; or to anyone who wants to investigate potential job opportunities in corrosion or related fields.

PROGRAMME:

The following content will be covered:

1. Principles and Costs of Corrosion
2. Corrosion Rate Modelling
3. Microbiology & Corrosion mitigation – Analysis and Data Trending
4. Corrosion Mitigation by Cathodic Protection (Sacrificial and Impressed Current)
5. Corrosion Mitigation by Coatings and Materials Selection
6. Corrosion Management and Risk Based Inspection
7. Integrity Management
8. Corrosion and Erosion Monitoring
9. Corrosion Control Chemistry

SPONSORS:

Rysco Corrosion UK Ltd; the UK Operations of Rysco International Inc. The Rysco Group includes Rysco Integrity and Rysco Corrosion Services. Rysco Corrosion UK Ltd, a subsidiary of Rysco Corrosion Services, offers best in class internal, external corrosion services and Equipment. Rysco, a global provider of Corrosion Management Solutions, are an ICorr Gold Sustaining Member and Aberdeen Branch Sponsor.

COST:

Delegate price: **£90** [£75+VAT].

Branch sponsors can send **2** delegates **Free of Charge**.

Payment is via the Institute of Corrosion website (event link below):

[Event & Online payment link](#)

DELEGATE REGISTRATION:

Complete the Delegate Registration form via: [Online Delegate Registration Form](#)

Form to be completed and returned by ALL event attendees.

Registration closes **15th August 2023**.

We look forward to meeting you on the Day.

The Institute of Corrosion Aberdeen branch is proud to have the following sponsors:



YEP Sponsors 2022



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252 ICORR MEMBERS HAVE ELECTED TO BE AFFILIATED TO THE ABERDEEN BRANCH

The Institute of Corrosion (ICorr)

Aberdeen Branch Corrosion Awareness Day - Aberdeen 22nd August 2023

Event Agenda: Please arrive promptly at 08:20 Hrs, **Address** :Rysco Corrosion UK Ltd; Technology Centre, Aberdeen Energy Park, 1-2 Claymore Drive, Bridge of Don, Aberdeen AB23 8GD.

ICorr Corrosion Awareness Day (Aberdeen); Introduction to Corrosion – Sponsor: Rysco Corrosion UK Ltd.

EVENT FORMAT:		Morning – 6 x Short Presentations of 30 Min's each. Afternoon – 2 x Short Presentations; Practical Demonstrations by the sponsor; Quiz and CPD.	
No.	Topic	Time	Presenter (affiliation)
	Welcome, Introduction (Safety Moment, ICorr Event Objectives / Benefits).	08:45 - 09:00	Siji Anjorin [Event Chair] and Steve Tate [ICorr President]
1	Principles and Costs of Corrosion	09:00 - 09:30	Steve Paterson [Arbeadie Consultants]
2	Materials Selection	09:30 - 10:00	Rob Howard [LR].
3	Oilfield Microbiology – Analysis and Data Trending	10:00 - 10:30	Carol Devine [NICMB]
BREAK:		Coffee Break 10:30 - 11:00	
4	Corrosion Mitigation by Cathodic Protection	11:00 - 11:30	Nigel Owen [Aberdeen Foundries]
5	Corrosion Mitigation by Coatings	11:30 - 12:00	Colin Thomson [Bilfinger Salamis]
6	Corrosion and Chemicals Management	12:00 - 12:30	Jennifer Watson [ChampionX]
LUNCH:		Networking 12.30 – 13.15	
7	Integrity Management and Risk Based Inspection	13:15 - 13:45	Simon Hurst [ENGTEQ]
8	Corrosion and Erosion Monitoring	13:45 - 14:45	Dean Smith [Rysco Corrosion]
BREAK:		Coffee / Questions 14:45 - 15:00	
9	Sponsor's Process Equipment Demonstrations	15:00 - 16:00	Dean Smith [Rysco Corrosion]
10	Quiz.	16:00 - 16:15	
11	Issue of CPD Certificates and Certificates of Appreciation	16.15 - 16.30	Siji Anjorin [Event Chair]
FINISH: 16:30			