

公益社団法人腐食防食学会が提供するセミナー

1. Material Requirements and Standards for Wet H₂S (Sour) Service

- 11月13日(水) 15:20~17:00-

石油・天然ガス生産設備および石油精製設備を扱う材料技術者にとって、湿潤硫化水素環境（サワーサービス）で発生する Sulfide Stress Cracking (SSC) や Hydrogen Induced Cracking (HIC) を防止する技術背景を理解することは重要です。本セミナーでは、初心者向けにサワーサービスでの材料損傷防止のための材料への要求事項の技術的背景および関連規格である NACE MR0175、MR0103 の解説をします。

本セミナーは 100 分を予定しており、日本語によるセミナーで英語への同時通訳があります。

2. Management of Corrosion Under Insulation (CUI) in Japan

-11月13日(水) 15:20~16:20-

高経年化した化学プラントにおいて CUI は発生部位や時期を予測するのが難しいため安全操業の脅威となっている腐食現象です。経済産業省および NEDO の委託事業で実施した CUI の予測技術の開発成果の一部を報告します。日本国内の化学会社 16 社から収集した約 16,000 点の保温材下腐食の検査データ解析による CUI 特性の把握とその発生予測モデルを開発し、実装置で検証した結果などを解説します。

本セミナーは 60 分を予定しており、英語によるセミナーで、日本語への同時通訳があります。

The following seminars are provided by Japan Society of Corrosion Engineering.

1. Material Requirements and Standards for Wet H₂S (Sour) Service

-November.13 (Wed) 15:20-17:00-

Understanding the technical background of how to prevent material degradation in wet H₂S (Sour) service such as Sulfide Stress Cracking (SSC) and Hydrogen Induced Cracking (HIC) is very important for materials engineers in Oil & Gas production and petroleum refining industry. In the seminar material requirement to prevent SSC and HIC and related standards of NACE MR0175 and MR0103 will be lectured for beginners.

The seminar is 100 minutes long, which lectured by Japanese and simultaneous interpretation to English will also be provided.

2. Management of Corrosion Under Insulation (CUI) in Japan

-November 13 (Wed) 15:20-16:20

CUI is a major threat to the safety operation of aged plants because corrosion rate of CUI is very scattered, and it is very difficult to predict where to be inspected and when to be repaired. The result of research and development project of CUI modeling, which is supported by METI (Ministry of Economy, Trade and Industry) and NEDO (New Energy and industrial Technology Development Organization) of Japan, will be explained in the seminar. About 16,000 inspection data of CUI gathered from 16 chemical companies in Japan have been analyzed statistically and CUI prediction model has been developed. The CUI model has been open to the 16 chemical companies and verified its applicability.

The seminar is 60 minutes long, which lectured by English and simultaneous interpretation to Japanese will also be provided.