API 571

DAMAGE MECHANISM IN FIXED EQUIPMENT

TO IMPROVE SAFETY, RELIABILITY, AND MINIMIZE LIABILITY OF FIXED EQUIPMENT BY LEARNING COMMON DAMAGE MECHANISMS IN THE REFINING AND PETROCHEMICAL INDUSTRY AS COVERED IN API 571 ARE THE PRIMARY OBJECTIVES. THE ROLES OF THE ENGINEER AND INSPECTOR IN IDENTIFYING AFFECTED MATERIALS AND EQUIPMENT, CRITICAL FACTORS, APPEARANCE OF DAMAGE, PREVENTION AND MITIGATION, INSPECTION AND MONITORING WILL BE COVERED TO INTRODUCE THE CONCEPTS OF SERVICE-INDUCED DETERIORATION AND FAILURE MODES. THIS COURSE IS INTENDED FOR ANYONE INTERESTED IN GAINING A FUNDAMENTAL UNDERSTANDING OF DAMAGE MECHANISMS IN METALS.

PART TIME & FULL TIME AVAILABLE

Course	Seminar & Exam Fee
API 571	1700 SGD + 9% GST (Course Materials & Standard Codes)

CONTACT US
training@cutechgroup.com
62626614/ 41 97583097

REACH QUALITY RANKS WITH ADVANCED INSPECTIONS

Training Duration: 20 hours
Examination: 3.25 hours
Closed Book

Brief:

The Cutech API 571 course is a comprehensive training program that provides students with a solid understanding of damage mechanisms as outlined by the API 571 standard. Cutech's training will provide attendees with essential insights into the causes, detection, and control of a wide range of corrosion-related concerns, assisting them in identifying and addressing issues that may lead to equipment degradation and failure in corrosive environments. This course is specifically designed for industry specialists who work directly with assets exposed to such conditions, ensuring that they are well-prepared to face these difficult situations with confidence. Participants who complete Cutech's program will have the knowledge and abilities required to effectively control corrosion concerns, increasing the longevity and dependability of their equipment.

Modules:

1	Introduction to API 571
2	Damage Mechanisms in Materials
3	Material Selection and Performance
4	Inspection and Monitoring Techniques
5	Materials Used in Pressure Vessels and Piping
6	Failure Analysis
7	Inspection and Mitigation Strategies
8	API 571 Examination Topics
9	Case Studies and Real-life Applications
10	API 571 Codes and Standards
11	Quiz & Discussions

LOCATION
PIONEER JUNCTION #03-19
3 SOON LEE STREET
SINGAPORE (627606)