

CONDITION ASSESSMENT OF PORT & TERMINAL ASSETS

COURSE OBJECTIVES

On completion of the course, the participants will be able to enhance their awareness and understanding of:

- The need for periodically assessing the condition of high-value assets of a port or a terminal (civil, mechanical and electrical) and ascertain the residual life
- Benefits derived from condition assessment of port's assets and consequences of *not* undertaking condition assessment. Learning from examples and cases where actual assessments have been carried out
- Methodology deployed for assessing port's assets
- Typical remedial action required to improve condition of port assets and extend their life cycles

ABOUT THE COURSE

High-value, custom-built assets, i.e., civil, mechanical and electrical- owned and operated by a port or terminal are subject to normal wear and tear and also prone to damage during operations. By periodically assessing their condition and ascertaining their residual life, measures can be initiated to extend their productive life and also plan for their future replacement.

IRClass has been undertaking such assessments for various ports and terminals. Developed in response to industry needs, this course aims to enhance the awareness of the participants and provide them with an insight into the life-cycle behaviour of the key assets owned and operated in the segment.

This course is based on actual experience gathered by subject matter experts. As such, it will focus on practical aspects such as methodology and recommended periodicity of assessment, measures to be initiated to extend the life of the asset, etc.

PARTICIPANTS

Officers, managers and engineers of ports and terminals as well as port planners, designers and developers, Engineering, Procurement & Construction Companies (EPC) and consultants

DURATION

One day

KEY TOPICS

- Need for periodic assessment of condition of assets (civil, mechanical and electrical) owned and operated by ports and terminals and determination of residual life of the assets
- Methodologies for condition assessment and types of inspections and testing involved
- Determining periodicity of the condition assessment
- Reference Documents and standards
- Examples and case studies
- Guidelines on condition assessment