



## API CATEGORY I & II INSPECTION COURSE

*'Proper training of personnel continues to be one of the most critical considerations in the care of masts / derricks'*

API Recommended Practice 4G | 4th Edition April 2012

### New from the DSL Training Academy

Training with built in assessment to give drill crew the skills and understanding to conduct API 4G Category I and II inspections of masts, derricks and associated equipment

### Course delivery

- Available online using Absorb LMS (PC, laptop and tablet)
- Classroom based, at a location of your choice

### Course objectives

- To provide the skills and knowledge of how to conduct Category I and II inspections to API specification in a correct, safe and professional manner
- To provide an understanding of the inspection, maintenance and repair requirements outlined in API 4G
- To identify and categorise defects within the drilling structure and how they should be referred

### Course overview

- Introduction to Drilling Structures
- Overview of API Cat I & II inspections
- Inspection of Raising Systems and Transport Damage
- Inspection of Drilling Structure Components
- Inspection of Crown Blocks
- Inspection of Wire Ropes
- Inspection of Access & Safety Equipment
- Inspection of Hydraulic Systems, hoses and piping

[www.derricksl.com](http://www.derricksl.com)

# Drilling Structures Inspection for Drill Crews via E-Learning

DSL has developed an E-Learning Course specifically to provide the training required for drill crews to carry out API 4G Cat I & II inspections of drilling structures, (masts & substructures & offshore derricks). The course has been created from content of the API certified DSL training for API 4G Cat III & IV inspections so as to arm drill crew personnel with the ability to carry out routine inspections to ensure that no significant issues with the structure have developed since its last inspection.

The course will take an average of 4 hours to complete including built-in tests, and the content includes the following;

- Introduction to Drilling Structures
- Overview of API Cat I & II inspections
- Inspection of Raising Systems and Transport Damage
- Inspection of Drilling Structure Components
- Inspection of Crown Blocks
- Inspection of Wire Ropes
- Inspection of Access & Safety Equipment
- Inspection of Hydraulic Systems, hoses and piping

It is not unusual for drilling structures to develop faults/issues between Cat III & IV inspections that then result in downtime due to repairs upon the results of the Cat III & IV Inspections. By arming drill crews with the knowledge to identify and report the more common faults and issues, this will in turn allow drilling contractors to both be aware of the current condition of their structure on an ongoing basis, as well as plan any repairs required between rig moves or periodical maintenance, or more urgently if a significant issue is discovered.

Candidates taking this course can complete it at their own leisure, with tests at the end of each module to ensure that the candidates have absorbed the necessary learning of that section. The course will be available in a range of languages so as to ensure that a very broad range of drill crews can undertake this training.

Successful candidates will also gain from periodical technical bulletins and safety alerts from DSL regarding drilling structure issues and advice so as to continue to empower drill crews to enhance another element of rig safety.

DSL has drawn upon its extensive experience, knowledge, industry licences and accreditations applicable to drilling structures to create this course, and it closes another hole in the training and competency safety net of drilling rig operations.

DSL holds API 4F & 8C licences for the design and manufacture of drilling structures and hoisting equipment, it has an API & IADC approved Training Academy and OPITO & IADC accredited Competency Management System.

