

## Hazardous Area Life Cycle Management



### Strategy Development and Software – Hazard Trac.

Hazard Trac is at the centre of the Maintenance Strategy Life Cycle process and this system is currently being used by major oil companies around the world. The software reviews risk, improves compliance, increases safety and reduces costs by analyzing inspection and maintenance results in a consistent manner.

### Installation, Commissioning and Dossier Generation:

During the installation & commissioning phase of an asset the hazardous area equipment needs to be installed, inspected and documented correctly to ensure compliance.

### Inspections:

OCS Group is the industry leader in providing global hazardous area inspections, with clients consistently requesting repeat services. Our technician and inspectors have many years of experience and have to undergo our stringent in house training. OCS Group completes the inspections as required based on the company strategy and/or appropriate Jurisdiction.

### Audits:

As required or deemed necessary based on the company strategy. Audits can be completed to ensure compliance with regulations or the chosen strategy; this may only be a day or two day process pending the size of the asset and will ensure that past inspections are effective.

### Remedial Work and Maintenance:

OCS completes any Remedial Corrective actions during or at the conclusion of the completed inspection. This allows your asset maintenance personnel to continue with their ongoing tasks. OCS has extensive experience of providing ongoing maintenance, equipment installation, equipment overhauls etc.

### Training and Competency:

OCS supplies competency, technical and safety training for Hazardous Area Equipment that is compliant to Regulatory Authorities Requirements for all Jurisdictions worldwide. At the end of the training period the student will receive a Certificate of Competency if successful from the certifying Authority, (JTL – CompEx or IEC for IECEx – CoP). Training provided can cover IEC, NEC/API 500 / 505, or IADC requirements. OCS can also provide on-site compliance training to ensure the company strategy is completed as required.



## OCS Group Services and Capabilities

### 1. Inspections and Audits

- a. Rig Inspections
  - Pre Drill 3rd Party
  - Condition and Acceptance
  - Rig Selection
  - Valuation Surveys
- b. Hazardous Areas
  - Inspections
  - Audits
  - Management
- c. DROPS Inspections
- d. Competency Auditing
- e. MCT Inspections and Audits
- f. Preventative Maintenance Audits/Inspections
- g. Rope Access
- h. Hose Inspections
- i. Subsea / BOP Inspections
- j. Derrick (Cat III / Cat IV)
- k. NDT Inspections
- l. Thermographic
- m. Phase Array
- n. Drone Inspections
- o. Safety / Incident Investigations

### 2. Project Management and Commissioning

- a. Project Management
  - Oil and Gas Rigs
    - 1. Offshore
    - 2. Land
  - Infrastructure Projects
  - Refineries
- b. Engineering and Modelling
- c. QAQC, Acceptance and Commissioning
- d. SPS / SIT Surveys
  - Special Periodic Surveys
  - Systems Integration Testing
- e. Inspection Remedial Services
- f. Equipment Maintenance
- g. Engineering Projects
  - Asset Construction
  - Asset Upgrades
- h. Rope Access and Scaffolding Services
  - Bolt tensioning
  - NDT
  - Welding
  - Instrument / Mechanical / Pipe Fitting
  - Painting / blasting

### 3. Software Solutions

- a. HAZARD Trac – Full Maintenance/Inspection Management Software
- b. PROJECT Trac – Engineering PM (Rig Builds)
- c. DROPS Trac – Management of Global Drops registers
- d. INSPECTION Trac – Tracking routine inspections (CAR's)
- e. MCT Trac – Managing /Maintaining MCT Registers

### 4. Preservation (Rig Lay Up) and Reactivation

- a. All Assets
- b. Drilling Rigs
- c. Refineries

### 5. Training (World Recognised Facility / Competency Based Training)

- a. Houston Courses
  - CompEx (01-04)
  - CompEx Refresher
  - CompEx Foundation
  - CompEx Mechanical
  - CompEx 500/505 – In Development
  - High Voltage Marine (HVSS)
  - High Voltage (HVSS – IADC)
  - Electrical – Non Electrical
  - Industrial based Electrical Safety
  - Infrastructure based Electrical Safety
  - Renewable based Electrical Safety
- b. API and IADC accredited operational courses
  - Rig Inspection Course

### 6. Drilling Assurance Documents

- a. Control Documents (For Example)
  - Well Control Bridging DOCS
  - Well Control Policies
  - Drilling Manuals
- b. Casing Plans
- c. Casing Assurance
- d. Drill Plans



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**IADC  
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