



# Simplify your Turnarounds

with Rope Access Maintenance & Inspection Services

**Team Industrial Services provides industrialized rope access services to assist with inspection and maintenance services in all phases of general turnarounds and outages 24 hours a day, 7 days a week, 365 days a year.**

## **Pre-Turnaround Services** **Operational Maintenance:**

- + Closing/opening valves
- + Bleeding lines
- + Gagging spring cans
- + Moving pipe shoes back into position

## **Turnaround Services** **Electrical Maintenance:**

- + Troubleshooting EHT systems (i.e. Determining Electrical issues/ location without removing any Insulation or installing isolations)

- + Installing EHT systems (Mi and SR)
- + Repairing/replacing RTD
- + Changing out electrical ballasts in lighting
- + Upgrading/installing LED lighting fixtures
- + Testing, trouble shooting, calibration and repairing instrumentation (i.e. Fire detectors, atmospheric monitors, alarm lights and sirens)
- + Running electrical and instrumentation cables (i.e. for new equipment and relocating sensors/ controls/instrumentation)

## **Overview**

Effective planning and execution of shutdowns and turnarounds is essential to ensure safe operations, maintain product levels and reduce loss of revenue.

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### Operational Maintenance:

- + Installing isolations that are not easily accessible then removing the isolation on completion of the work (i.e. valve lock out, electrical break in, gag installations and blinding)
- + Repairing valves and tightening valve components (i.e. plugs, handles and packing)
- + Troubleshooting valve/flange/ process for operations
- + Assisting with leak containment and clean up
- + Removing Ice and other winter hazards

- + Storage tanks and spheres
- + Stack inspections
- + Flare stack inspections.

Note: all inspections include all NDT Services offered by TEAM

- + Welding Repairs. Pressure Welds Internal/External post repair inspections
- + Piping Inspections with insulation removal and reapplication
- Other miscellaneous Insulation inspection work
- Overhead crane Inspections



### General Maintenance:

- + Repairing insulation
- + Standby rescue
- + Installing hoardings
- + Clearing debris
- + Tightening bolts (i.e. Verifying current torque and make adjustments as required)
- + Providing assistance to other contractors with at height work as required

### Post-Turnaround Services:

- + Removing spring can gags
- + Ensuring all shoes are in correct position as the plant/unit comes back online
- + Verifying settings and alignment of reformer spring cans and adjust as required
- + General clean up of cable trays and pipe racks to remove any potential dropped object hazards

### Inspections:

- + Inspecting vessels (internal and external)
  - + PSA's
  - + Furnaces
  - + Reformers
  - + Reactor towers

TEAM is a fully audited member of IRATA (Industrial Rope Access Trade Association). Contact us today to discuss your turnaround and outage rope access service needs.