

FLARE INSPECTION



FOR ALL YOUR INSPECTION NEEDS



Dacon Inspection Services is a pioneer in providing Flare Inspections, with the inhouse fleet of IRATA approved Level 3 and Level 2 personnel who are certified for multidiscipline NDT techniques makes Dacon Inspection Services the no.1 choice for many of the plant operators here in the region.

Dacon has successfully inspected many flares during shutdown with a Flare of maximum height of 250 meter.

Typical Scope of Work for High and Low Pressure Flare

- 100 % Visual Inspection of Flare Tip and Flare stack by using Rope Access.
- UTM on the flare stack at regular intervals.
- Visual Inspection for CUI for the insulated piping.
- Bolt Torque Testing at random locations.
- UT Flaw detection for the weld joints at selected locations.
- Remote Visual Inspection by Hytec Camera for the flare stack internals if access point is available.
- Video recording for the internal condition and flare tip condition.
- Hardness measurements at the random locations.
- MPI of T Joints at random location for the weldments on the Flare stack
- Metallographic Replica Test for the Flare Tips at random locations
- Inspection of Guy wires to identify the ropes for Tensioning, Creeped and Elongated.
- DPT of selected brackets, tie rods and buck stays.
- 100 % DPT of weld joint at the Flare Tip.
- Job Safety Analysis for each method.
- All the inspections are carried out by IRATA and ASNT certified personnel under the supervision of IRATA level 3.

