

BI-03.05 Purging of fuel tanks before hot work

(Accountable - Engineering Manager (Site) (Unassigned))

Expectations

Hot work on fuel tanks is well controlled and does not result in fires or explosions.

Specify

Hot work includes the use of thermal cutting equipment, grinding equipment, arc-welding equipment, heating devices, naked flames or mechanical friction devices.

Site requirements should include colour coding, labelling of fuel/flammable liquid tanks - and include checking for these (and required responses when identified) in site hot work systems.

Colour coding, labelling should meet the intent/requirements of AS 1674 Safety in Welding and Allied Processes.

The approach should also consider application of inert gas/liquid to remove oxygen during/post any hot work.

Implement

Maintenance personnel are trained, competent and authorised to carry out hot work.

Monitor

Review of maintenance schedules.

Hot work permit audits.