

Safety Action Notification

Pipe Corrosion Beneath Lagging

What happened?

During maintenance, the technician noticed some bad corrosion behind some lagging on the Unit suction valve pressurising pipework.

A defect was raised and agreed to be CAT6 in line with CM/4 (in agreement with Operations Engineer and Senior Area Manager).

Corrosion SME was on site later that week and asked to check for an opinion. Advise was to get scaffolding erected to allow good access to the pipework and for lagging to be removed and a further inspection of the pipework carried out. Upon removal of lagging, it was noticed that the pipework was in a very poor state, this was observed on both Units on site.

Asset were informed and sent photographs and asked for a 20% pressure reduction. Due to the poor design of the site, this resulted in the Station requiring to be isolated. Station was ESD and vented down to atmospheric pressure pending a P20 inspection. P20 was carried out a day later and confirmed the corrosion to be superficial. A holding coat was applied to the pipework and the site re-commissioned. Other areas of lagging on the units were also inspected at the time but in good condition.



What you need to do now:

- Assess whether you have equipment operating in an aggressive environment that could cause a breakdown in corrosion protection for pipe work covered by lagging.
- Assess whether you need to remove the lagging to carry out a corrosion inspection.

Reported Date: 26/06/2024.

Location/Site: BISHOP AUCKLAND COMPRESSOR STATION

Principal/Contractor: NA

Work Activity: #Corrosion