



SAFETY ALERT

BROKEN BOOM BLOCK PIN DISCOVERED ON 583 PIPE LAYER
CATEGORY: OTHER (ONSHORE)
CONTACT LEDCOR HSE FOR MORE DETAILS

Summary of Events:

A labourer discovered half of a broken pipe layer pin on the ground in their work area. The labourer had all operator's double check their machines, while they updated the Foreman. The other half of the boom block pin was still in place; the area was cleared, the stick of the pipe layer was lowered, blocked up and locked out. During the investigation, it was discovered that a pin from a 572-pipe layer had been used in place of the 583 pin.

Both 572 and 583 pipe layers use the same diameter pin, however the pin for 572 pipe layers includes a hollow grease channel through the pin, and the pin for 583 is solid throughout.

Major Contributing Factors

- The boom block pin was substituted with another pin with a lower capacity at an undetermined time.
- Although key people were aware the pins on a 583 are to be solid, the information is not common place and operators were not inspecting their equipment for such issues.

Immediate Preventative Measures

- Email alert was communicated to all Foremen on the project to suspend all activity with 583 pipe layers until pins were confirmed to be correct.
- All Foremen were followed up with via phone to ensure action had been taken.
- Equipment Managers were contacted to share the details of the issue found.

