

Safety Advice

Action required following a serious incident

Stanley TJ10 lifting jack - cracking

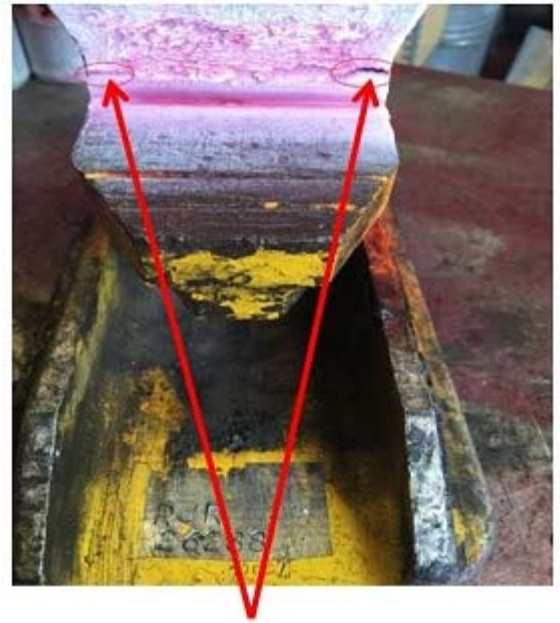
Issued to: All Network Rail line managers, safety professionals and RISQS registered contractors

Ref: NRA 16/04

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Location: Nationwide

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Cracking Points

Overview

During an inspection of a Stanley TJ10 lifting jack, cracking was identified approximately 5mm from the elbow at the foot of both sides of the lifting face. [Reference: NIR-Online (8250): NIR 3237 Initial Stanley TJ10 10T Hydraulic Rail Jack Defect]

Subsequent jacks were quarantined by the user with Dye Penetrant Non Destructive Testing (NDT) completed. This testing identified significant numbers of the named equipment as damaged due to cracking.

There is a risk that the damage identified could cause a catastrophic failure when lifting rail, causing severe injury to operators and personnel within the immediate area.

Immediate action required

- All users and maintainers of the equipment must quarantine all Stanley TJ10 lifting jacks immediately.
- A competent fitter must complete Dye Penetrant NDT to identify any failure in the indicated area.
- All equipment that has crack indication faults should remain quarantined and be returned to the supplier for repair.
- Upon completion of Dye Penetrant NDT, equipment not identified as unserviceable can be returned to service.

Copies of Safety Advices are available on [Safety Central](#).