



Falling Object – LN25 Handle Fail

Incident Description: On 5-5-2016 employees were hoisting an LN25 with a rope. The rope was attached to the suitcase handle on the LN25. When the welder was approximately $\frac{3}{4}$ of the way up (30 feet) the handle broke and the machine fell to the tank floor. The LN25 had a full roll of weld wire installed adding to the weight the welder. No injuries were sustained from this incident.



Handle Assembly

Immediate Observations:

- ✓ An inspection was completed the LN25 on 5-2-16 but the welder was not inspected the day of the incident.
- ✓ Cracks were observed around the handle after the incident that would indicate the case was damaged before the welder was dropped.
- ✓ The welder had a full spool of wire.

Safety Performance Tool to Prevent Future Occurrence:

Personal Safety Assessment

- ✓ A personal safety assessment involves a deliberate, focused review for potential safety concerns prior to starting any job task.
- ✓ Simply taking two minutes to make an assessment of your work area improves your chance of accomplishing your task without an incident.

Lessons Learned:

- ✓ The handle is intended to be primarily used for short term carrying of the welder.
- ✓ The lifting handle is not intended for overhead lifting.
- ✓ Anytime a tool or component will be lifted overhead care must be taken to inspect and verify the equipment prior to lifting.