

SAFETY ALERT



The below information has been issued on behalf of the EFFC to make others aware of the potential risks and possible precautions to take in order to avoid these.

Date/Time of Incident:

Wednesday 13th December 2023

Type of Incident:

Property damage

Nature of Incident/Injury:

Drill rig topple

Details of Incident:

[Click here to enter text.](#)



Root cause (if known):

- Machine configuration
 - The rig tracks were retracted.
 - Kelly bar remained on the machine.
 - Mast remained vertical.
 - The machine was being moved in the above configuration at the time of the incident.

Action Taken:

- The operator must be qualified/evaluated to operate the specific rig they are assigned to.
- The operator shall demonstrate an understanding of the operator's manual for the specific rig they operate.
- The operator shall conduct and document a pre-start safety inspection of the equipment they are assigned to operate – Daily and/or at the start of every shift.
- The operator has the right and responsibility to refuse any signal from a ground employee that is questionably and/or knowingly unsafe.

Under no circumstances are rig tracks to be retracted unless the rig is being dismantled and loaded/unloaded according to the manufacturer's recommendations.

Lessons Learnt:

Manufacturers recommendations vary depending on the make and model. What is safe for one drill may not be safe for another. Mast and track positioning, levelness of platform, and utilisation of the auxiliary line all influence the center of gravity of the drill rig directly impacting stability.