



## PRODUCT ADVISORY

## PA-653

**DATE:** 6/15/17

**REVISED:**

**TO:** Owners, Users, Dealers, and Installers

**Models Affected:** Aerials and Digger Derricks

**SUBJECT:** *Fall Protection*

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### Issue:

Users of Aerial Devices and Digger Derricks must always use fall arrest protection while in the platform. OSHA has clarified that fall protection for all platform occupants is required to be fall arrest. Fall restraint or work positioning equipment, such as belts, are not compliant. OSHA limits the free fall distance to 6 feet. Employers and users are responsible to use proper fall arrest equipment and that the lanyard anchor locations limit free fall to less than 6 feet. This may require changing existing anchor locations on older units to comply. **Employers using Aerial Devices and Digger Derricks must be aware of the OSHA regulations.**

### What the Owner must do:

It is the responsibility of the owners/users/and employers to ensure compliance to OSHA regulations. A Fall Arrest harness with a shock absorbing lanyard is required in aerial devices and digger derricks. All harnesses and lanyards used must be ASTM or CSA compliant, including arc flash resistant if working where arc flash is possible.

The OSHA regulation may also affect older unit's lanyard anchor location. Lanyard attachment on the boom may not meet OSHA requirements if the free fall distance can exceed 6 feet. If the unit was originally ordered with the anchor on the boom, the anchor may need to be relocated to the platform or the platform support bracket.

### Action:

The owner and users of aerial devices and digger derricks are responsible to determine that their fall protection is OSHA compliant. You will need to evaluate your fall protection and the lanyard anchor location.

- The free fall distance cannot exceed 6 feet; that includes the lanyard length plus the shock absorbing extending length.
- Lanyard anchor location must allow the use of lanyard length shorter than 6 feet. This may require changing lanyard anchors to the platform or platform support bracket if the anchor used is presently on the boom.
- The lanyard and harness should be arc flash rated if exposure to arc flash is possible.

- If the lanyard location must be changed the manufacturer must be consulted to ensure the proper strength to meet ANSI/SAIA A92.2 requirements.

### **What Terex will do:**

Terex can provide information on available lanyard anchors compliant with ANSI A92.2 or A10.31 at the platform or platform support bracket for the various models. The use of Fall Arrest harness, lanyard, and changes to the lanyard anchor are the user's responsibility and not covered by Terex.

Contact Terex Utilities; through your nearest TEREX Utilities dealer as shown on the web site, [terexutilities.com](http://terexutilities.com), or call Terex Utilities at 1-844-837-3948 and request the service group if more information is needed.

**Dealers and Installers:** The use of fall protection and changes to the lanyard anchor are responsibilities of the user. Depending on how the unit was ordered it may require changing the lanyard anchor location. The standard harness and shock absorbing lanyard, p/n 351015, has a 4.5ft lanyard and are arc flash complainant to ANSI F887. A universal fit harness with 7 foot shock absorbing retractable lanyard is ASTM F887 compliant, p/n 610188, but must be evaluated by the user to determine it will be comply with OSHA requirements. Contact Terex Utilities at 1-844-837-3948 and ask for the service department for information on what anchor locations are available for specific models.

**Important:** Units in rental fleets; the employer of the operators and passengers is responsible to use proper fall protection when using Aerial Devices and Digger Derricks. Renters should make this Product Advisory available to the users of their equipment.