



Terex Utilities

PRODUCT ADVISORY

PA713

DATE: 9/13/2022

REVISED:

TO: Owners, Users, Dealers, and Installers

MODELS AFFECTED: All Aerial Devices

SUBJECT: ANSI/SAIA A92.2-2021 Vehicle-Mounted Elevating and Rotating Aerial Devices

Issue:

ANSI/SAIA A92.2-2021 – Vehicle-Mounted Elevating and Rotating Aerial Devices

An updated ANSI standard which applies to Vehicle Mounted Aerial Devices has been published. ANSI/SAIA A92.2-2021 went into effect **August 2022**. This reversion supersedes all previous ANSI A92.2 standards.

The standard assigns responsibilities for everyone involved in Aerial Device design, manufacture, installation, testing, selling, inspection, maintenance, ownership, use, and operation. The responsibilities of; installers, owners, users, operators, lessees or lessors, and brokers have been updated.

Machines manufactured under previous ANSI A92.2 standards do not have to be updated.

It does require compliance with the current standard for Responsibilities of the; Installers, Owners, Users, Operators, Lessors or Lessees, and Brokers for all aerial devices regardless of age or which ANSI A92.2 standard it was manufactured under, after August 2022.

Failure to comply with your required responsibilities in the installation, inspection, maintenance, safe use, and operation of the Aerial Device could result in Death or Serious Injury.

Action:

It is advisable to obtain a copy of the newly revised standard to determine what is required for you and your company to comply with the standard. This standard applies to inspection, maintenance, use, and operation of all Aerial Devices regardless of the date of manufacture. Read the standard to determine how you will be affected.

A copy can be purchased by going to the SAIA website below. You can order a paper copy or go to their download page. Select "ANSI/SAIA A92.2-2021" and it will lead you through the process to use your credit card to purchase a paper copy or download to your computer:

<https://shop.saiaonline.org/>

The ANSI/SAIA A92.2-2021 Manual of Responsibility states the responsibilities of the Installer, Owner, User, Operator, Lessors or Lessees, and Brokers plus provides dielectric test information. A copy is

supplied with each new aerial device and replacements can be ordered directly from the SAIA website stated above or from Terex Utilities dealers under part number 494633 after August 2022.

Some changes in ANSI/SAIA A92.2-2021 from the previous, 2015 version are in sections:

1. Scope, Purpose, Requirements, Applications and Exceptions.
7. Responsibilities of Dealers and Installers.
8. Responsibilities of Owners:
9. Responsibilities of Users:
10. Responsibilities of Operators:
11. Responsibilities of Lessors or Lessees.
12. Responsibilities of Brokers.

A significant change for Owners and Users is the requirement to perform a major structural inspection after 15 years and every 10 years thereafter, regardless of date of manufacture. Note: this takes effect as of August 2022. Terex is suggesting owners consider this inspection to be completed every 10 years for applicable units, to coincide with the requirement of the extended life leveling chains replacement, depending on the model of aerial device. The major structural inspection will require the following:

- Load test of one and one-half times the rated combined platform and material handling capacity on a level surface. Over-center aerial devices are required to be tested in the over-center position.
- Structural inspection looking for unusual deformation, broken structural members, or cracked welds.
- Cylinder drift test for worn seals

Before the aerial can be returned to service, damaged components must be repaired or replaced.

The major structural inspection and mandatory replacement of extended life leveling chains must be indicated on the machine. Terex is offering for sale Field Service Kit Z1667, a placard for installation on the machine when this inspection and replacement has been performed.

Dealers and Installers need to work with the owners to consider items that need to be updated when remounting units on new chassis. Such items include: outrigger interlock, moving outrigger alarms, chassis slope indicators, boom interlock, an updated chassis controller, or other items installed on their machine at the time of remounting.

Everyone involved with Digger Derricks (ANSI/ASSE A10.31-2019) or Vehicle Mounted Aerial Devices (ANSI/SIA A92.2-2021) needs to read, study, understand, and comply with the current ANSI standards and OSHA regulations.

Terex and local industry standards (CSA and ANSI) require the purchaser of a Terex unit report to Terex the model and serial number of each machine sold, as well as the name, address, and telephone number of the new owner, within 60 days of the sale.

Use the Owner Update Form in the manual to update the owner status of any of your machines. Terex also asks the seller to provide the new owner information so if you require additional copies of the Owner Update Form or have any questions, please contact TEREX Utilities Warranty Department at 1-844-837-3948 or utilities.warranty@terex.com.

To register your Terex Utilities aerial device or digger derrick, click or navigate to the following link:

<https://www.terex.com/utilities/en/support/product-registration>