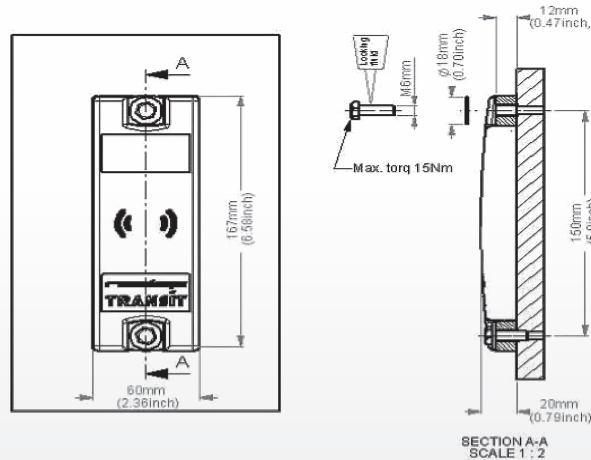# HEAVY DUTY TAG ISO ✳

| Installation guide

The Heavy Duty Tag ISO is a ATEX certified durable, weather-proof RFID tag ideal for applications requiring reliable long range identification under harsh environmental conditions in potentially explosive atmospheres containing gas and or dust.

The Heavy Duty Tag ISO can directly be mounted to any flat, smooth metal surface using M6 bolts, screws or rivets. The following mounting instructions secure optimal performance and prevent mechanical damage.

ATEX identification

⟨Ex⟩ II 2 GD
Ex ia IIC T4 / Ex iaD IP66 T 135°C

Certificate: KEMA 09ATEX0016 X
Complies to: EN60079-0:2006;
EN60079-11:   2007; EN61241-0:2006
EN61241-11:   2006; EN50155:2007; IP66

Application allowed in Zone-21 and Zone-22.
Warning to prevent electrostatic hazard:
"CLEAN WITH WET CLOTH ONLY".

Required materials
Regular head bolts M5 or M6 e.g. according to DIN931, 961, 85 or 7985.

Mounting instructions
On trucks we advice to mount the tag beside the door on the driver side; e.g. left side. On a trailer we recommend to mount the tag on a centralized position of the cabinet for the connection flanges (driver side). For Xylene trailers we recommend to mount the tag on the driver side in the middle of the chassis bar. In a configuration, where both truck and trailer are equipped with a tag we recommend a minimum spacing distance between tags of 3 meters [11.5 feet].

The tags should be mounted with the laser engraved text clearly readable facing the reader unit. The average mounting height of the tags above the road surface should be 150 cm, +/- 35 cm [4.9 ft, +/- 1.2 ft]. For reliable mounting we recommend to use M6 bolts with a 18 mm [0.7 in] round washer in between as specified above. Alternatively so called snake eyes spanners can be applied to prevent the unauthorized removal of tags. To prevent loss of bolts we recommend a locking fluid (Loctite 5069) in applications with heavy vibrations.

Article: 5265436 A.02
Change without prior notice

EC-DECLARATION OF CONFORMITY ✳

Issued in accordance with the ATEX DIRECTIVE 94/9/EC

We hereby declare that, all Heavy Duty Tags manufactured by N.V. Nederlandse Apparatenfabriek "Nedap" are in compliance with the above Directive

Product description:	Heavy Duty Tag ISO 9875980 HEAVY DUTY TAG ISO

Serial numbers:	Heavy Duty Tag ISO is factory programmed with a unique customer specific security code and a customer defined number. The part number, tag ID number and date of manufacturing are laser engraved into the enclosure of the tag when in R/O mode. Heavy Duty Tag ISO is factory programmed with a unique customer specific security code. The art number and date of manufacturing is laser en graved into the enclosure of the tag when in R/W mode.

According to standards:	EN 60079-0: 2006 EN 60079-11: 2007 EN 61241-0 : 2006 EN 61241-11:2006 EN 50155: 2007 IP66

ATEX Identification:	⟨Ex⟩ II 2 GD Ex ia IIC T4/Ex iaD IP66 T135 °C

ATEX warning:	Electrostatic hazard "CLEAN WITH WET CLOTH ONLY"
Other Approvals:	ATEX type certificate KEMA 09ATEX0016 X
Certification Body:	DEKRA(0344) P.O.Box 5185, 6802 ED ARNHEM

Signed:	M.M
Name:	M. Mijwaart
Position:	General Manager identification systems
Date:	15-10-2013

Article:	5265436 A.02 Change without prior notice