

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, Maryland 21046

Date: 06 June 2026

Professional Installation Attestation

FCC ID: 2BTAH-GEN3EXNRRV3

Model: GEN3-EXNR

To whom it may concern,

Corrosion Radar Ltd hereby attests that the GEN3-EXNR is a professionally installed device within the meaning of FCC 47 CFR §15.203.

Justification for Professional Installation

The GEN3-EXNR is an industrial corrosion and moisture monitoring node, housed in a restricted breathing (EXNR) enclosure certified for hazardous (Class I, Division 2 / Zone 2) industrial environments such as petrochemical plants, refineries, pipelines, and storage tanks. Professional installation is required due to:

1. Hazardous area certification requirements: The device is certified for use in explosive atmospheres. Installation in Class I, Division 2 / Zone 2 environments must comply with local hazardous area installation regulations and standards, which require qualified personnel.
2. Industrial application: The device is intended for asset integrity monitoring on metallic structures (pipelines, storage tanks, process equipment) in petrochemical and process industries. Installation requires technical knowledge of corrosion monitoring methodology, sensor placement, and industrial mounting techniques.
3. Restricted distribution: The product is not marketed to or available for purchase by the general public. Sales are made only to industrial end users (oil & gas operators, petrochemical companies, asset integrity service providers) and qualified system integrators.
4. Installation by qualified personnel: Installation is performed exclusively by trained technicians who hold the necessary hazardous area certifications (e.g., CompEx or equivalent) and have been trained on the GEN3-EXNR installation procedures documented in the Installation Manual.
5. Antenna integration: The approved antennas (iANT213-QB for LoRa and iANT216M for Bluetooth) are fitted during the professional installation process. End users do not have the ability to substitute or modify the antenna installation.

Antenna Compliance Statement

The GEN3-EXNR uses N-type connectors for the LoRa and Bluetooth antenna interfaces. Compliance with §15.203 is achieved through the professional installation exemption contained within that rule, which states:

"...this requirement does not apply to intentional radiators that must be professionally installed..."

The professional installer is responsible for ensuring that the approved antennas, iANT213-QB (LoRa) and iANT216M (Bluetooth), are the only antennas used with the device, in accordance with the integration instructions and installation manual provided by Corrosion Radar Ltd.

Declaration

Corrosion Radar Ltd attests that:

- The GEN3-EXNR will only be installed by qualified personnel
- The device will not be sold or distributed to the general public
- Installation documentation explicitly states that professional installation is required
- The installer is responsible for ensuring use of the approved antennas only

Sincerely,

A handwritten signature in black ink, appearing to read 'y.lage'.

Name: Yoann Eras Lage

Title: Director of Engineering

Email: y.lage@corrosionradar.com

Company: CORROSION RADAR LIMITED

Address: Future Business Centre, King's Hedges Road, Cambridge, CB4 2HY, United Kingdom