

Statement of Confirmation

- (1) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 2014/34/EU**
- (2) **Statement Number** : TUV IN 2223 ATEX 0006 X **Issue: 00**
- (3) For the equipment : Air Cooled DX Unit Hazardous Area
- (4) Of the manufacturer / applicant : **Reynold India Pvt Ltd**
Plot No. 30, Sector 4 I. I. E. SIDCUL, Haridwar, PIN-249407, Uttarakhand, India.
- (5) In reference to the technical file : TCF/REY/ATEX/Chiller/22-01, Rev 0
- (6) This equipment and any acceptable variation thereto are specified in the schedule to this statement of confirmation and the documents therein referred to.
- (7) TUV India confirms that this equipment has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment intended for use in potentially explosive atmospheres. This confirmation is assured by reviewing the stated technical file submitted by manufacturer / applicant.
- (8) Compliance with the Essential Health and Safety Requirements has been assured by referring to the following harmonised / technical* standard/s:
EN ISO 80079-36:2016 **EN ISO 80079-37:2016**
- (9) If the sign "X" is placed after the statement number, it indicates that the equipment is subject to special conditions for safe use specified in the schedule to this statement.
- (10) This statement of confirmation relates only to the design verification and tests of the specified equipment in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this statement.
- (11) The marking of the equipment or protective system must include the following:

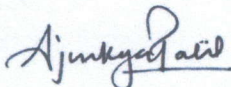


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TÜV NORD GROUP

- (12) Date of Issue: 06-01-2023

Order number: 8120622343



Ajinkya Patil
Manager - Product Certification




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This Statement of Confirmation is valid under the conditions stated overleaf.

CONDITIONS OF ISSUE:

Note: ATEX marking is generally a self-certification process for product falling under the assessment procedure stated under annex VIII-Internal control of production to the directive 2014/34/EU and the products entering the European Union are subject to the requirements set forth in the ATEX Directive. It is the responsibility of the person placing the product on the European market to ensure compliance with all the applicable EU directives.

This document is issued as a confirmation of the fulfillment of the documentation requirements as called for by the stated directive and is based on review/verification of the documents like test reports, compliance documents etc. submitted by the manufacturer. However, it shall be understood that the person placing the product on the European market has the responsibility and liability to ensure all CE/ATEX Marked products comply with the relevant requirements of all the applicable Directives.

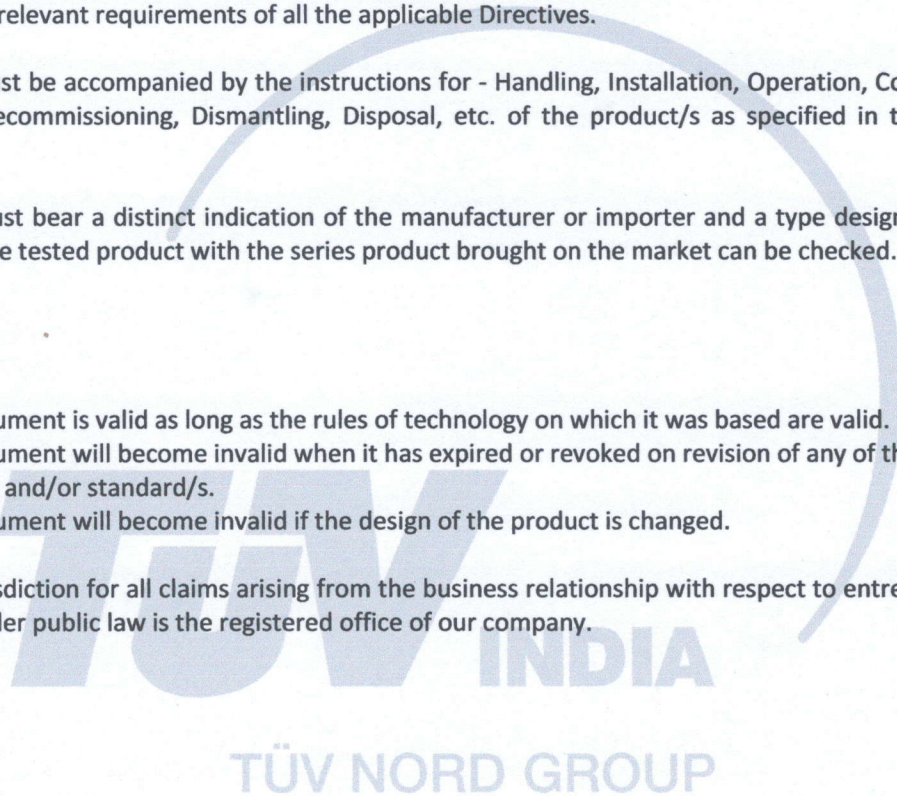
Each product must be accompanied by the instructions for - Handling, Installation, Operation, Commissioning, Maintenance, Decommissioning, Dismantling, Disposal, etc. of the product/s as specified in the applicable directives.

Each product must bear a distinct indication of the manufacturer or importer and a type designation so that the identity of the tested product with the series product brought on the market can be checked.

VALIDITY:

- This document is valid as long as the rules of technology on which it was based are valid.
- This document will become invalid when it has expired or revoked on revision of any of the applicable directive and/or standard/s.
- This document will become invalid if the design of the product is changed.

The place of jurisdiction for all claims arising from the business relationship with respect to entrepreneurs and legal entities under public law is the registered office of our company.



SCHEDULE

Statement of Confirmation No. TUV IN 2223 ATEX 0006 X

(13) Description of equipment

The equipment type RRIG0005SC-2 is Air Cooled DX Unit Chiller and this is designed to provide cooling to industrial processes. It is mainly consisting of Compressor, Pressure Switch, Motor, Temperature Sensor and Control Panel.

The equipment comprises the following separately certified item

Item	Certificate no	Marking
Junction Box	DEKRA 18ATEX0118 X	II 2 GD Ex db IIB T4,T5,T6 Gb Ex db IIB+H2 T4,T5,T6 Gb Ex tb T85°C,T100°,CT135°C Db Ta = -20°C to +60°C
Condensor	ISSeP09ATEX019X	II 2 G Ex d IIB or IIC T6 to T3 -40°C to +70°C
Pressure Switch	DNV 10 ATEX 74849X	II 2 GD Ex d IIC T6 -10°C ≤ Ta ≤ +60°C
Compressor	SIRA 17ATEX5235X	II 2 GD Ex mb IIC T4 Gb Ex mb IIIC T135°C Db Ta = -20°C to +60°C

Equipment Ratings

Electrical Rating	240V ± 5% /1 Phase/50Hz ± 6%
Operating Current/Max. Operating Current	15.85 Amp/ 18.4 Amp
Electrical Power	8.61 kW
Ambient temperature for operation	-10° C to 52° C
Set-up temperature range	20 ~ 27 °C

(14) Variants of the stated equipment covered under this statement are:

Model number/s : RRIG0005SC-2

(15) Special conditions for safe use:

- The equipment shall be connected to the earth.
- If excessive noise, vibration, heat etc. is experienced, the equipment must be stopped and examined until the fault is found and rectified.
- The maximum operating limits of the equipment shall not be exceeded.
- Pre-commissioning, commissioning, installation and maintenance checks required for the equipment shall be carried out as specified in the manufacturer's Instruction Manual.
- Special attention shall be paid to the instructions regarding the clearance between rotating and stationary parts.
- The equipment shall be protected from mechanical impact in service by location.