

Translation

(1) **Certificate of Conformity**

(2) Equipment and protective systems intended for use in potentially explosive atmospheres, **Directive 94/9/EC**



(3) **Certificate Number** TÜV 15 ATEX 161541 X

(4) for the equipment: Ex-proof cabinets for cooling and heating

Type	Serial no.	Type	Serial no.
2101	1411/05	2001	1502/06
2101	1412/04.1	2101	1503/02
2101	1412/04.2	2201	1504/05
2101	1412/04.3	2101	1504/06

(5) of the manufacturer: Rubarth Apparate GmbH

(6) Address: Mergenthalerstraße 8
30880 Laatzen

Order number: 8000448008

Date of issue: 2015-09-22

- (7) This equipment or protective system and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.
- (8) The TÜV NORD CERT GmbH, notified body No. 0044 in accordance with Article 9 of the Council Directive of the EC of March 23, 1994 (94/9/EC), certifies that this equipment or protective system has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of equipment and protective systems intended for use in potentially explosive atmospheres given in Annex II to the Directive. The examination and test results are recorded in the confidential report No. 15 204 161541.
- (9) Compliance with the Essential Health and Safety Requirements has been assured by compliance with:
EN 1127-1:2011 EN 60079-14:2014
- (10) If the sign "X" is placed after the certificate number, it indicates that the equipment or protective system is subject to special conditions for safe use specified in the schedule to this certificate.
- (11) This certificate of conformity relates only to the design, examination and tests of the specified equipment in accordance to the Directive 94/9/EC. Further requirements of the Directive apply to the manufacturing process and supply of this equipment. These are not covered by this certificate.
- (12) The marking of the equipment or protective system must include the following:

 II 2/- G IIC T3 Gb/-

TÜV NORD CERT GmbH, Langemarckstraße 20, 45141 Essen, notified by the central office of the countries for safety engineering (ZLS), Ident. Nr. 0044, legal successor of the TÜV NORD CERT GmbH & Co. KG Ident. Nr. 0032

The head of the notified body


Meyer

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(13) **SCHEDULE**

(14) **Certificate of Conformity No. TÜV 15 ATEX 161541 X**

(15) Description of equipment

The Ex-proof cabinets for cooling and heating type 2*01 are used for short-term tempering or for long-term storing of substances.

The correlation between the explosion hazardous area, the apparatus group and the temperature class for the Ex-proof equipment is as follows:

Type	Serial no.	Explosion hazardous area of zone 1 permissible for	Apparatus group	Temperature class
2101	1411/05	Test room	IIC	T3
2101	1412/04.1			
2101	1412/04.2			
2101	1412/04.3			
2001	1502/06			
2101	1503/02			
2201	1504/05			
2101	1504/06			

Electrical data

Type	Serial no.	Voltage	Current	Power
2101	1411/05	400/230 V, 50 Hz	1,8/3,8/3,6 A	2,3 kW
2101	1412/04.1	208/115 V, 60 Hz	4,9/7,4/16 A	3,3 kW
2101	1412/04.2		5,2/7,4/16 A	
2101	1412/04.3		4,7/7,4/16 A	
2001	1502/06	230 V, 50 Hz	3 A	0,7 kW
2101	1503/02	400/230 V, 50 Hz	1,3/5/5,6 A	2,8 kW
2201	1504/05	400/230 V, 50 Hz	2,1/5,7/7,2 A	3,5 kW
2101	1504/06	400/230 V, 50 Hz	1,1/4,1/5,1 A	2,4 kW

At installation of the apparatus, the valid regulations for the installation have to be observed.

(16) The test documents are listed in the test report No. 15 204 161541.

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(17) Special conditions for safe use

1. It has to be ensured, that inside of the apparatus as result of the media placed in storage only an explosion hazardous area of zone 1 is expected.
2. It has to be ensured, that after opening the door an ignition of the possibly escaping explosion hazardous atmosphere cannot occur.
3. At a defect of the safety switch-off (door position switch) of the apparatus, these are no longer allowed to be operated.
4. The factory made settings by the manufacturer of the motor protection switch for the fan motor (if existing) and of the temperature selector limiter are not allowed to be changed.
5. The apparatus are only allowed to be operated with faultless door sealing.
6. The floor drain (if existing) has to be connected with a tube to lead away existing explosive gas mixtures (An outward abduction or an abduction into an exhaust air channel is recommended.)
7. Apparatus with humidification: The test media must not be chemical aggressive to the materials of the ultrasonic humidifier (see manual).

(18) Essential Health and Safety Requirements

no additional ones