



INSTALLATION, SERVICE AND MAINTENANCE INSTRUCTIONS

ANNEX FOR THE EC ATEX MARKED EQUIPMENT UNDER DIRECTIVE 2014/34/EU:

Horizontal Blender MIXBLEND Ex



II 2G Ex h IIB T4...T3 Gb



II 2D Ex h IIIB T125 °C...T200 °C Db



II 2G Ex h IIB T4...T3 Gb

II 2D Ex h IIIB T125 °C...T200 °C Db

The temperature class and the maximum surface temperature depend on the temperature of the product to be stirred and the ambient temperature.

Temperature class for explosive gas atmospheres

Temperature class	Product temperature (in process or cleaning)	Room temperature
T4	$\leq 110 \text{ °C}$	-20 °C to +40 °C
T3	$\leq 140 \text{ °C}$	

Maximum surface temperature for explosive dust atmospheres

Maximum surface temperature	Product temperature (in process or cleaning)	Room temperature
T125 °C	$\leq 125 \text{ °C}$	-20 °C to +40 °C
T 200 °C	$\leq 200 \text{ °C}$	

The contents of this Annex complement the information included in the instructions manual. The instructions of this Annex must be observed whenever equipment marked under Directive 2014/34/EU is used.



Manual Original
02.020.30.05EN
(A) 2022/11

EU Declaration of Conformity

We,

INOXPA, S.A.U.

Telers, 60
17820 – Banyoles (Girona)

Hereby declare under our sole responsibility that the machine

HORIZONTAL BLENDER MIXBLEND

Designation

MB

Type (1)

MB-XX

From serial number **IXXXXXXXXXX** to **IXXXXXXXXXX** (1)

Is in compliance with applicable provisions of the following directive:

Directive ATEX 2014/34/EU

Applicable harmonized standards:

EN ISO 80079-36:2016

EN ISO 80079-37:2016


EN 1127-1:2019

EN 13237:2012


EN15198:2007

EN IEC 60079-0:2018

This Declaration of Conformity covers equipment with the following ATEX marking:

 II 2G Ex h IIB T4...T3 Gb

 II 2D Ex h IIIB T125 °C...T200 °C Db

 II 2G Ex h IIB T4...T3 Gb
II 2D Ex h IIIB T125 °C...T200 °C Db

The technical documentation referenced 13719729-775659 is on file with the notified body LABORATOIRE CENTRAL DES INDUSTRIES ELECTRIQUES (LCIE), 33, Av. du Général Leclerc BP 8, 92266 Fontenay-aux-Roses, France. Reference num. 0081.

The person authorized to compile the technical documentation is the signer of this document.

Banyoles, 2022



David Rezero Brunet
Technical Office Manager

(1) Where X is a numeric character

1. EXPECTED USE

The following information must be taken into account in order to ensure correct operation of our equipment. Any non-fulfillment of the instructions may result in a risk for the operators, the environment, the machine and the installation, and may result in the loss of your right to claim damages. This failure to comply with the instructions may cause the following risks (in addition to those already indicated in the manual):

- creation of explosive atmospheres and the risk of explosion.

Any guarantee will be cancelled immediately and as a matter of law and, in addition, we shall be compensated for any claim of civil liability presented by third parties, if (in addition to the conditions already indicated in the manual):

- the material has been misused or has not been used according to the operating conditions in the classified area, operating in a different classified area, temperature or pressure conditions, and/or with a different substance.

When the equipment is expected to be used and operated, the generally accepted safety rules, national and international regulations, and stipulations must also be taken into account. Appropriate measures must be taken to prevent accidental operation or unauthorized interference.

- This equipment has been classified in accordance with ATEX Directive 2014/34/EU and is designed to be used in a plant with a potentially explosive atmosphere. This equipment may not be commissioned until it has been determined that the plant is also compliant with the ATEX Directive and its operation complies with Directive 1999/92/EC.
- The equipment must be used as described in the respective technical and data sheets, and the information on the equipment label must also be taken into account. The markings on the equipment label, in conjunction with the Declaration of Conformity, indicate the area where the equipment will be used in potentially explosive atmospheres.
- During installation, maintenance, and repair work, the relevant national and international (e.g. EC stipulations) stipulations must be observed as protection from explosions.
- If any failure occurs during operation, use only original spare parts. Obviously, the damaged parts must not be reused and must be replaced.
- If the operators reuse accessories or make any modifications to the equipment, they must be subject to a further evaluation and ignition risk classification according to Directive 2014/34/EU and must consequently receive new classification. The equipment label attached by INOXPA and the Declaration of Conformity will no longer be valid. The plant operator shall bear the responsibility for this new classification and modification.

2. SPECIAL CONDITIONS FOR SAFE USE

- The equipment can only be used if its materials (in operating conditions) are resistant to mechanical and/or chemical wear or corrosion ensuring that the explosion protection is always guaranteed.
- Ensure electrical continuity between the equipment and the installation and an earth connection of the installation.
- The Mixblend must only be assembled and disassembled by qualified staff, taking into account that it is necessary to adopt safe-work permits when working in a potentially explosive atmosphere.
- The operator must ensure that the limits of the operating conditions in explosive atmospheres are not exceeded. This equipment was selected according to the operating conditions specified by the user. Therefore, INOXPA disclaims liability for any damage caused by the use of the equipment under conditions other than those set forth in the order sheet.
- The fittings or parts used for the assembly of the equipment must comply with the explosion protection requirements.
- The warnings on the equipment must be observed.
- For explanations regarding the special Ex markings or the product label, please, refer to the Declaration of Conformity.
- In case that the any components are not supplied by INOXPA, this should comply with the specifications of ATEX Directive 2014/34/EU and all the supplier's specifications should be observed at all times.
- In case of painting the parts of the equipment (except drive), the type of paint to be used must be conductive, dissipative or antistatic insulating, so that no accumulation of charges occurs or, if yes, these are controlled (paint must have a surface resistivity $< \text{or} = 1 \text{ Gohm}$).