



1	EU-TYPE EXAMINATION CERTIFICATE		
2	Component Intended for use in Potentially Explosive Atmospheres – Directive 2014/34/EU		
3	EU-Type Examination Certificate number	LOM 14ATEX3027U	Issue: 5
4	Component	Empty boxes Series TRIBEX, types TB____EX	
5	Manufacturer	Delvalle Global Solutions, S.L.U.	
6	Address	Paso El Prao, 6 01320 – Oyón - Alava SPAIN	
7	This component and any acceptable variation thereto is specified in the schedule to this certificate and the documents therein referred to.		
8	Laboratorio Oficial J.M. Madariaga (LOM), Notified Body No. 0163, in accordance with Article 17 of the Directive 2014/34/EU of the European Parliament and of the Council, dated 26 February 2014, certifies that this component has been found to comply with the Essential Health and Safety Requirements relating to the design and construction of products 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: LOM 24.182W		
9	Compliance with the Essential Health and Safety Requirements has been assured by compliance with:		
	- Standards	EN IEC 60079-0:2018	EN IEC 60079-7:2015+A1:2018 EN 60079-31:2014
	Where additional criteria beyond those given here have been used, they are listed at item 18 in the Schedule.		
10	The sign "U" placed behind the certificate number indicates that this certificate should not be confounded with certificates issued for equipment or protective systems. This partial certification may be used as a basis for certification of an equipment or protective systems.		
11	This EU-Type Examination Certificate relates only to the design and construction of the specified component in accordance to the Directive 2014/34/EU. Further requirements of the Directive apply to the manufacturing process and supply of this component. These are not covered by this certificate.		
12	The marking of the component shall include the following:		
		II 2G Ex eb IIC Gb II 2D Ex tb IIIC Db	
		Getafe, <i>Signed electronically by:</i>	
		Certification committee	

RCPCR 25.21/6

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LABORATORIO OFICIAL J. M. MADARIAGA

13 SCHEDULE

14 EU-Type Examination Certificate number **LOM 14ATEX3027U**

Issue: 5

15 Description of component

Series of empty boxes of prismatic shape made of stainless steel, painted steel or galvanized steel. The boxes have a single or double access door. In addition, they can include optional rear door and optional gland plates that serve as means for machining holes for cable entries.

The fasteners of the boxes are made by tongue devices of 1/4 turn. The hinges also make closing function.

The boxes are made with different plate thicknesses between 1.25 mm and 4 mm. Boxes with a height greater than 1200 mm are only valid for the type of protection by enclosure "Ex t" when they have a thickness of 2.5 mm or greater.

Included types

Type		Dimensions (mm)			No of fasteners	Number of hinges
Single door	Double door	Height	Width	Depth		
TB1260**EX	TB1260**DEX	1200	600	200 a 1000	6	4
TB1280**EX	TB1280**DEX	1200	800		8	4
TB1210**EX	TB1210**DEX	1200	1000		8	4
TB1660**EX	TB1660**DEX	1600	600		6	4
TB1680**EX	TB1680**DEX	1600	800		8	4
TB1610**EX	TB1610**DEX	1600	1000		8	4
TB1860**EX	TB1860**DEX	1800	600		7	5
TB1880**EX	TB1880**DEX	1800	800		9	5
TB1810**EX	TB1810**DEX	1800	1000		9	5
TB2060**EX	TB2060**DEX	2000	600		8	6
TB2080**EX	TB2080**DEX	2000	800		10	6
TB2010**EX	TB2010**DEX	2000	1000		10	6

** = 20, 40, 50, 60, 70, 80, 90, 10 indicates depth of 200, 400, 500, 600, 700, 800, 900 or 1000mm

The boxes can be produced in intermediate sizes to those shown in the above table. The number of fasteners will be the same the next size up.

Service temperature according gasket material:

Polyurethane: -25 °C to 60 °C

Silicone rubber sponge with adhesive: -45 °C to 135 °C

Injected Silicone foam.: -45 °C to 150 °C

Degree of protection IP66

Changes in this issue:

Update to the standards EN IEC 60079-0:2018 y EN IEC 60079-7:2015+A1:2018

16 Report **LOM 24.182W**

17 Schedule of Limitations

Rated service temperature ranges according gasket material

Polyurethane: -25 °C to 60 °C

Silicone rubber sponge with adhesive: -45 °C to 135 °C

Injected Silicone foam.: -45 °C to 150 °C



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13 SCHEDULE

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18 Essential health and safety requirements

Met by compliance with the requirements mentioned in item 9.

According to Article 41 of Directive 2014/34/EU, EC-type examination certificates which have been issued according to Directive 94/9/EC prior to the date of coming into force of Directive 2014/34/EU (April 20, 2016) may be considered as if they were issued already in compliance with Directive 2014/34/EU. By permission of the European Commission supplements to such EC-type examination certificates and new issues of such certificates may continue to hold the original certificate number issued before April 20, 2016.

19 Drawings and Documents

Number	Sheets	Issue	Date	Description
Tribex	16	3	2024-05-10	*Technical dossier
IT.TB.IECEX	21	v.3	2024-03-07	* Instructions Manual
PV1617JUNSIL	31	1	2017-01-31	Technical dossier
PV1516-DGS	--	0	2016-01-17	Technical dossier
PV1415TBAMEX	--	3	2014-10-15	Technical dossier
--	--	00	2014-10-10	Technical dossier
TRIBEX	--	--	2014-03-13	Technical dossier

*Note: An * is included before the title of documents that are new or revised.*

20 Historic of variations

Issue	Date	Report number	Description
0	2014-05-20	LOM 13.592 UP	First certificate
1	2015-01-20	LOM 14.199 DP	- To include optional gland plates types TP__EX
2	2015-01-20	LOM 14.312 MP	- To include variants made of painted galvanized iron and painted steel - To include variants with dual front door named TB__DEX
3	2016-09-27	LOM 16.005 PP	- Change of the manufacturer name - Update to EN 60079-0:2012, EN 60079-7:2007, EN 60079-31:2014
4	2019-02-12	18.251Z	- To include two new types of gaskets made in silicone - Update a EN 60079-0:2012, EN 60079-7:2015 - Marking update