



EU-TYPE EXAMINATION CERTIFICATE

Component intended for use in Potentially Explosive Atmospheres Directive 2014/34/EU

Certificate Number: **Sira 06ATEX3286U** Issue: **7**

Component: **TEX & TES***** Range of Enclosures**

Applicant: **Tempa Pano San Ve. Tic. A.S**

Address: Makine İhtisas Organize Sanayi Bölgesi,
2.Cad.,No:1 Demirciler Köyü
Dilovası KOCAELİ 41455
Turkey

This component and any acceptable variation thereto are specified in the schedule to this certificate and the documents therein referred to.

CSA Group Netherlands B.V. notified body number 2813 in accordance with Articles 17 and 21 of 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 a component intended for use in potentially explosive atmospheres given in Annex II to the Directive.

The examination and test results are recorded in the confidential reports listed in Section 14.2.

Compliance with the Essential Health and Safety Requirements, with the exception of those listed in the schedule to this certificate, has been assured by compliance with the following documents:

EN IEC 60079-0: 2018

EN IEC 60079-7:2015/A1: 2018

EN 60079-31:2014

The sign 'U' is placed after the certificate number to indicate that the product assessed is a component and may be subject to further assessment when incorporated into equipment. Any limitations of use are listed in the schedule to this certificate.

This EU-Type Examination Certificate relates only to the design and construction of the specified component. If applicable, further requirements of this Directive apply to the manufacture and supply of this component.

The marking of the component shall include the following:



II 2 G D

Ex eb IIC Gb

Ex tb IIIC Db

Signed: M Halliwell

Title: Director of Operations



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SCHEDULE

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13 DESCRIPTION OF COMPONENT

The TES***** range of enclosure boxes are manufactured in mild or stainless steel and comprise of an enclosure with a separate lipped lid. The lid has a closed cell, flat EPDM gasket seal that presses on to a lipped edge on the base of the enclosure, with access points for fixing lugs to secure the enclosure to the mounting surface.

The TEX***** range of enclosure boxes are manufactured in mild or stainless steel and comprise of an enclosure with a hinged lid. The lid has poured polyurethane Foam gasket seal that presses on to a raised edge on the base of the enclosure to aid sealing. Four fixing lugs are provided to secure the enclosure to the mounting surface.

Enclosure sizes

Type	Width (mm)	Height (mm)	Depth (mm)
TES121208	120	120	80
TES151509	150	150	90
TES191910	190	190	100
TEX152213	150	220	130
TEX262616	260	260	160
TEX262620	260	260	200
TEX303016	300	300	160
TEX303020	300	300	200
TEX263816	260	380	160
TEX263820	260	380	200
TEX384516	380	450	160
TEX384520	380	450	200
TEX484816	480	480	160
TEX484820	480	480	200
TEX355016	350	500	160
TEX355020	350	500	200
TEX456216	450	620	160
TEX456220	450	620	200
TEX745520	740	550	200
TEX507620	500	760	200
TEX648620	640	860	200
TEX619120	610	910	200
TEX749820	740	980	200

Variation 1 - This variation introduced the following change:

- The recognition that the TEX & TES***** Range of enclosures may be manufactured with up to 4 gland plates.

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Variation 2 - This variation introduced the following change:

- i. The company address was changed:

From:
Baris Mah.1802 Sk.No:7 Gebze
KOCAELİ
41400
Turkey

To:
Makine İhtisas Organize Sanayi Bölgesi,
2.Cad.,No:1 Demirciler Köyü
Dilovası KOCAELİ 41455
Turkey

Variation 3 - This variation introduced the following changes:

- i. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 60079-0:2006, EN 60079-7:2003, EN 61241-0:2006 and EN 61241-1:2004 were replaced by EN 60079-0:2012, IEC 60079-7:2015 and EN 60079-31:2014, as a result, the markings were updated accordingly.
- ii. A Condition of Certification was introduced to permit the manufacturer to manufacture enclosures to sizes not specified in the documentation.
- iii. The existing Special Condition for Safe Use was clarified.
- iv. The table in the description was changed to recognise new references, as detailed below:

Original	New
TEX221513	TEX152213
TEX382616	TEX263816
TEX382620	TEX263820
TEX453816	TEX384516
TEX453820	TEX384520
TEX503516	TEX355016
TEX503520	TEX355020
TEX624516	TEX456216
TEX624520	TEX456220
TEX765020	TEX507620
TEX866420	TEX648620
TEX916120	TEX619120
TEX987420	TEX749820

- v. The product description was amended to include mild or stainless steel for the material of the TES***** range of enclosure boxes. The enclosure dimension 'length' was changed to 'height' in the Enclosure sizes table.

Variation 4 - This variation introduced the following changes:

- i. Following appropriate assessment to demonstrate compliance with the latest technical knowledge, EN 60079-0: 2012 was replaced by EN IEC 60079-0: 2018 and EN IEC 60079-7: 2015 was replaced by EN IEC 60079-7:2015/A1: 2018.
- ii. The documents were updated accordingly to recognize the new standard.
- iii. Adhesive tape for EPDM gasket is replaced with new scrim transfer tape.
- iv. Gasket for TEX enclosure is replaced with RAKU PUR 32-3294-2.
- v. Service temperature for the TEX enclosure is changed from -40°C to +100°C to -40°C to +70°C.
- vi. Updated Manufacturer name as per QAN

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14 DESCRIPTIVE DOCUMENTS

14.1 Drawings

Refer to Certificate Annexe.

14.2 Associated Reports and Certificate History

Issue	Date	Report no.	Comment
0	14 February 2008	R51A15478A	The release of the prime certificate.
1	21 April 2008	N/A	A typographical error was corrected.
2	22 May 2008	R51A15478B	The description was corrected to include stainless steel
3	09 November 2010	R22059A/00	The introduction of Variation 1.
4	23 July 2013	R31511A/00	The introduction of Variation 2.
5	30 November 2015	R70027382A	The introduction of Variation 3.
6	15 October 2019	1478	This Issue covers the following changes: • Transfer of certificate Sira 06ATEX3286U from Sira Certification Service to CSA Group Netherlands B.V.. • Update to label drawing. • EC Type-Examination Certificate in accordance with 94/9/EC updated to EU Type-Examination Certificate in accordance with Directive 2014/34/EU. <i>(In accordance with Article 41 of Directive 2014/34/EU, EC Type-Examination Certificates referring to 94/9/EC that were in existence prior to the date of application of 2014/34/EU (20 April 2016) may be referenced as if they were issued in accordance with Directive 2014/34/EU. Variations to such EC Type-Examination Certificates may continue to bear the original certificate number issued prior to 20 April 2016.)</i>
7	04 November 2024	R80122105A	The introduction of Variation 4.

15 SCHEDULE OF LIMITATIONS

15.1 The service temperature range:

- For TES Enclosure -40°C to +100°C.
- For TEX Enclosure -40°C to +70°C.

16 ESSENTIAL HEALTH AND SAFETY REQUIREMENTS OF ANNEX II (EHSRs)

The relevant EHSRs that are not addressed by the standards listed in this certificate have been identified and individually assessed in the reports listed in Section 14.2.

17 CONDITIONS OF MANUFACTURE

- The use of this certificate is subject to the Regulations Applicable to Holders of CSA Group Netherlands B.V. certificates.
- Holders of EU-Type Examination Certificates are required to comply with the conformity to type requirements defined in Article 13 of Directive 2014/34/EU.
- The enclosures may also be manufactured to sizes not specified in the documentation provided that any given dimension is not larger than the respective dimension of the largest enclosure or smaller than the respective dimension of the smallest enclosure.

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Certificate Annexe



Certificate Number: Sira 06ATEX3286U

Component: TEX & TES***** Range of Enclosures

Applicant: Tempa Pano San Ve. Tic. A.S

Issues 0 to 2

Drawing	Sheets	Rev.	Date (Sira stamp)	Description
PNTES121208-001	1 of 1	00	01 Nov 07	General arrangement – TES121208-S
PNTES151509-001	1 of 1	00	01 Nov 07	General arrangement – TES151509-S
PNTES191910-001	1 of 1	00	01 Nov 07	General arrangement – TES121208-S
PNTEX303016-001	1 of 1	00	01 Nov 07	General arrangement – TEX303016-M1
PNTEX303016-002	1 of 1	00	01 Nov 07	General arrangement – TEX303016-S1
LBL TEX 001	1 of 1	02	01 Nov 07	Label - Empty enclosure

Issue 3

Drawing	Sheets	Rev.	Date (Sira stamp)	Description
PNTEX456220-003	1 of 1	00	15 Oct 2010	TEX456220-S2 Ex-Proof Enclosure
PNTEX456220-004	1 of 1	00	15 Oct 2010	TEX456220-S3 Ex-Proof Enclosure
PNTEX456220-005	1 of 1	00	15 Oct 2010	TEX456220-S4 Ex-Proof Enclosure

Issue 4

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
LBL TEX 001	1 of 1	03	23 Jul 13	TEX/TES Enclosure Label

Issue 5

Drawing	Sheets	Rev.	Date (Sira Stamp)	Title
PNTEX303016-002	1 of 1	01	06 Nov 15	General arrangement-TEX303016-S1
LBL ATEX/IECEX 001	1 of 1	00	10 Nov 15	Label drawing

Issue 6

Drawing	Sheets	Rev.	Date (Sira stamp)	Title
LBL ATEX/IECEX 001	1 of 1	01	21 Feb 2019	TEX/TES Enclosure Label

Issue 7

Drawing	Sheets	Rev.	Date (Stamp)	Title
PNTES121208-002	1 of 1	02	26 Sep 24	TES121208-M EX-Proof Enclosure
PNTEX303016-003	1 of 1	03	26 Sep 24	TEX303016-M4 EX-Proof Enclosure
LBL ATEX/IECEX 001	1 to 2	03	26 Sep 24	TES & TEX Enclosure Label

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