Certificate No: **2601231114208034**
TL Project No: **25-3648**

TYPE APPROVAL CERTIFICATE

This is to certify that the

MARINE TYPE EX-PROOF JUNCTION BOX&ENCLOSURES

Manufacturer	:	**TEMPA PANO SANAYİ VE TİCARET ANONİM ŞİRKETİ**
Address	:	**Makine İhtisas OSB. Demirciler Mahallesi 2. Cadde No:1 / 41455**
Product Type	:	**TES, TEX**
Reference Rule	:	**TL Rules, Part E, Chapter 105 - Naval Ship Technology, Electrical Installations, 01.01.2022** **TL Rules, Part B, Chapter 5, Electric , 01.01.2024** **IEC 60529 Degrees of protection provided by enclosures (IP code) (For electrical equipments) , 04.03.1997** **IACS UR E10 Rev.9 , 09.08.2023** **IEC 62208:2023 Empty enclosures for low-voltage switchgear and controlgear assemblies, 01.06.2023** **IEC 60079-31:2022 (Explosive atmospheres - Part 31: Equipment dust ignition protection by enclosure "t"), 17.01.2022**

Subject to the conditions referred to in the following pages, this certificate is valid until **16.10.2030**

Surveyor: **İbrahim Evren DAL**

- Marking of product: The product to be marked same as below mentioned
Madel, Ex-Degree, Temperature class, IP Degree, Manufacturer Information
- See annex for design.

Issued at **İstanbul** on **28.01.2026**

This document is electronically signed and does not require a manual signature

Click here for the verification website

Emrah SÖĞÜTÇÜ
New Building Division Manager
TÜRK LOYDU

Expire Date of Previous Certificate: 16.10.2025

For Information Only

This certificate is subject to terms and conditions described below:
Any significant change in design or construction may render this Certificate invalid. Certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the specimen tested. This certificate is not valid for products without marking above mentioned. The manufacturer should notify TÜRK LOYDU of any modifications or changes to equipment in order to obtain valid certificate. This certificate shows that tested specimens as representative of the product complies of the TÜRK LOYDU rules, and relevant international instruments that apply to it.

Product	**: MARINE TYPE EX-PROOF JUNCTION BOX&ENCLOSURES**
Approval No / Date	**: PAE-EPAS/023603/25-3648/MY , 15.01.2026**
Ingress protection (IP) rating	**: IP64**
Documentation	**: Approved drawings and reviewed documents**
	EC Type-Examination Certificate issued by SIRA Certification (IECEx SIR15.0056X)
	EC Type-Examination Certificate issued by SIRA Certification (IECEx SIR15.0057X)
	Test report issued by TSE (İST/2015-R288)
Performed Tests	**: Dimensional check**
Test Place	**: Tempa Pano Dilovası-Kocaeli**
Last Inspection Date	**: 23.01.2025**
Application/Limitation	**: Applicable for hazardous areas required explosion protection.**
Approval Conditions	**: The doors must be equipped with locking mechanisms to hold them in the open position when necessary. After the wiring and equipment installation are complete, mandatory routine workshop tests must be performed for each explosion-proof junction box.**

For Information Only

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ANNEX 1

II 2 G D Ex e II T6 Ex tD A21 IP64 T57°C	II 2 G D Ex e II T5 Ex tD A21 IP64 T72°C	II 1 G Ex ia IIC T6 or Ex ia IIC T5	II 2 G D Ex e II Ex tD A21 IP64

İbrahim Evren DAL
Senior Surveyor

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