



# TÜRK LOYDU

İKTİSADİ İŞLETMESİ

## TYPE APPROVAL CERTIFICATE

Certificate No: TO.DEB.12-1613

This Certificate consist of 2 Pages

This is to certify that the

MARINE TYPE SWITCHBOARDS AND CONSOLES

With type designations

E-KABIN MARINE ET, E-KABIN MARINE EM,  
E-KABIN MARINE ES, E-KABIN MARINE EK

Manufactured by

EAE ELEKTROTEKNİK SAN. TİC. A.Ş.  
İSTANBUL / TÜRKİYE

Is found to comply with

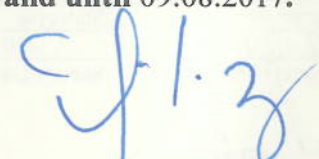
Türk Loydu Rules

**Application** : Marine type switchboard and consoles  
**Design** : acc. to approved drawings  
**Sizes** : acc. to approved drawings  
**Address of Manufacturer** : İkitelli Organize Sanayi Bölgesi Turgut Özal Cd.  
Haseyad No: 112 34670 İkitelli- İstanbul – TURKEY

**Place and date**  
İSTANBUL, 10.08.2012

**Subject to the conditions referred to 2<sup>nd</sup> page  
this certificate is valid until 09.08.2017.**

  
**İlker KARPUZ**  
Head Of Marine Division

  
**S. Taner GÜNDÜZ**  
Surveyor



**Product description:** MARINE TYPE SWITCHBOARD AND CONSOLES

**Type Designation** : E-KABIN MARINE ET, E-KABIN MARINE EM, E-KABIN MARINE ES, E-KABIN MARINE EK

**Materials used** : Galvanized Steel, Stainless Steel, Mild Steel, Aluminum (AlMn 3)  
Thickness of plates shall be not less than 1.5 mm for steel and 2 mm for aluminum.

**Application/Limitation(Approval conditions):**

Not applicable for hazardous areas required explosion protection. While using type approved switchboard / console, suitable IP degree has to be taken into account acc. to TL rules. Mandatory routine shop tests have to be carried out for each switchboard after finishing the wiring and fitting of equipment.

**Type Approval Documentation:**

Approved drawings and reviewed documents (dated 21 June 2007)

**Test carried out (and results):**

Found satisfactory

**Place of test carried out:**

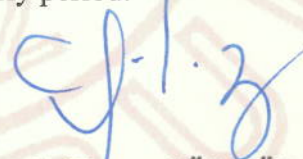
İKİTELLİ/İSTANBUL-TÜRKİYE

**Marking of product:**


**Certificate retention survey:**

The scope of the Retention Survey is to verify that the conditions stipulated for the Type Approval is complied with and that no alterations are made to the product design or choice materials. In order to keep the validity of this certificate up to date within whole year "Certificate Confirmation Surveys" to be carried out each one (1) yearly period.

  
**İ. İlker KARPUZ**  
Head Of Marine Division

  
**S. Taner GÜNDÜZ**  
Surveyor

This certificate is valid if retention/renewal surveys carried out to the satisfaction of TL's surveyor and following entries made:

 Surveyor				
12.../.../2013 Survey Date	.../.../2014 Survey Date	.../.../2015 Survey Date	.../.../2016 Survey Date	- Survey Date

This certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. Type Approval 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 TL marking above mentioned. The manufacturer should notify TÜRK LOYDU of any modifications or changes to the equipment in order to obtain valid certificate. This certificate shows that tested specimens, representative of the product complies of the TÜRK LOYDU rules, and relevant international instruments that apply to it.