



# TÜRK LOYDU

İKTİSADİ İŞLETMESİ

## TYPE APPROVAL CERTIFICATE

Certificate No: TO.DEB.06.1370

This Certificate consist of 2 Pages

This is to certify that the

**STATIONARY SEATS**

With type designations

**HR 2003**

Manufactured by

**HÜROĞLU OTOMOTİV SAN. İTHALAT İHRACAT ve TİC. A.Ş.**  
**Alaşar/BURSA**

Is found to comply with

Türk Loydu's Materials Rules for Classification of Steel Ship and IMO FTP Code

**Application** : Seats to be used ships according to Türk Loydu Materials rules and IMO FTP Code Res. A.652(16)

**Design** : HÜROĞLU OTOMOTİV SAN. İTHALAT İHRACAT ve TİC. A.Ş.

**Sizes** : Length: 590 mm, Width:425 mm, Height:1120 mm

**Address of Manufacturer** : Yeni Yalova Yolu 12 Km Alaşar/BURSA

**Place and date**  
İSTANBUL 16.02.2007



Subject to the conditions referred to 2<sup>nd</sup> page,  
this certificate is valid until 15.02.2012

**R.Tansel TİMUR**  
Head Of Marine Division

**Akif Bülent HOLOSORLU**  
Surveyor

**Product description;**

**Type Designation** : HR 2003

**Materials used** : As per manufacturer declaration.

(Every combination of seat upholstery shall be documented to meet requirement of IMO Res. A 652(16) with respect to resistance to ignition and propagation of fire.)

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

Seats to be used ships (Except High Speed Craft) according to Türk Loydu Materials rules and IMO FTP Code Res.A.652(16) In case of any changes in design, materials or arrangement of seats Türk Loydu is to be contacted in order to evaluate.

**Type Approval Documentation:**

Test Reports : B.30.2.ITU.0.50.00.00/5026 (01.06.2006)

Test Reports : 1659(19.07.2006), 1661(19.07.2006), 1660(19.07.2006), 1595(29.09.2006),  
1662(19.07.2006), 2215(29.09.2006), 1594(29.09.2006), 1593(29.09.2006),

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

IMO FTP Code IMO Res.A.652(16)

Mechanical and Chemical tests

**Place of test carried out:**

ITU (METALURJİ ve MALZEME MÜHENDİSLİĞİ BÖLÜMÜ)

Ayazağa Kampüsü 34469 Maslak/İSTANBUL

KOSGEB


Beşevler Küçük Sanayi Sitesi 16149 Nilüfer/Bursa

**Marking of product:**

All seats are to be marked with type designation and name of manufacturer or trade mark.

**Certificate retention survey:**

TL' surveyor is to be given permission to perform periodical and random product audit for Certification Retention Surveys during the validity period of this certificate.



**R.Tansel TİMUR**

**Head Of Marine Division**



**Akif Bülent HOLOSORLU**

**Surveyor**

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

Surveyor

Survey Date

Surveyor

Survey Date

Surveyor

Survey Date

Surveyor

Survey Date

Surveyor

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.



# TÜRK LOYDU

İKTİSADİ İŞLETMESİ

## PRODUCT CERTIFICATE

Certificate No: ÜB.DEB.06-1371

This Certificate consist of 2 Pages

This is to certify that the

**SEATS**

With Serial number (s)

**HR 2003**

Manufactured by

**HÜROĞLU OTOMOTİV SAN. İTHALAT İHRACAT ve TİC. A.Ş.**  
**Alaşar/BURSA**

Is found to comply with

Türk Loydu's Materials Rules for Classification of Steel Ship and IMO FTP Code

**Application** : Seats of M/S MEIS EXPRESS (G-1232)  
**Design** : HÜROĞLU OTOMOTİV SAN. İTHALAT İHRACAT ve TİC. A.Ş.  
**Sizes** : Length: 590 mm, Width:425 mm, Height:1120 mm

**Address of Manufacturer:** Yeni Yalova Yolu 12 Km Alaşar/BURSA

**Place and date :** İSTANBUL 19.10.2006



**R. Tansel TİMUR**  
**Head Of Marine Division**

**Akif Bülent HOLOSORLU**  
**Surveyor**



**Product mentioned in this certificate has been produced for M/S MEIS EXPRESS and Messrs. FERAH TURİZM SEYAHAT İNŞAAT TİCARET ve SAN. LTD. ŞTİ. has been applied for product certification.**

**Product description:**

**Type Designation** : HR 2003

**Materials used** : As per manufacturer declaration.

**Documentation:**

Test Reports : B.30.2.ITU.0.50.00.00/5026 (01.06.2006)

Test Reports : 1659(19.07.2006), 1661(19.07.2006), 1660(19.07.2006), 1595(29.09.2006),  
1662(19.07.2006), 2215(29.09.2006), 1594(29.09.2006), 1593(29.09.2006).

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

IMO FTP Code (IMO Res.A.652(16))

Mechanical and Chemical tests

**Place of test carried out:**

ITU (METALURJİ ve MALZEME MÜHENDİSLİĞİ BÖLÜMÜ)

Ayazağa Kampüsü 34469 Maslak/İSTANBUL

KOSGEB

Beşevler Küçük Sanayi Sitesi 16149 Nilüfer/Bursa

**Marking of product:**

The product to be marked same as below mentioned

07-1371

10  06



**R. Tansel TİMUR**  
**Head Of Marine Division**



**Akif Bülent HOLOSORLU**  
**Surveyor**

This certificate is subject to terms and conditions overleaf. Product Certificate is valid for tested equipment. This certificate is not valid for products without TL stamp above mentioned. Product certificate is not used as Type Approval Certificate.