

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Automatic Door Catch

with type designation(s)
EXM-650/1300/2000

Issued to

Schischek GmbH
Langenzenn, Germany

is found to comply with
DNV GL offshore standards
DNV GL rules for classification – Ships

Application :

Approved for use in the accommodation. Also approved for ships built with the additional class notation "F-AMC".

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2020-09-30**.

Issued at **Høvik** on **2015-10-01**

DNV GL local station: **Essen Business Support**

Approval Engineer: **Martin Gjelstad**

for **DNV GL**

Petter Langnes
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

Job Id: **262.1-019989-1**
Certificate No: **TAF0000042**

Product description

"EXM-650/1300/2000"

The automatic door catch consist of a holder with an electromagnet supplied with steady current and an armature. By disconnecting the current the door / shutter will close.

The product is manufactured at the premises of Elomek, Sweden.

Application/Limitation

Each product is to be supplied with its manual for installation, use and maintenance.

Type Approval documentation

Certification in accordance with Standard for Certification No. 1.2, Type Approval, January 2013.

Test report no. 2015/EXM/01 dated 2015-08-07 from Rotork Schischek, witnessed by DNV GL.

Drawing nos. EXM-650 and EXM-1300/2000 both dated 1990-09-12 from Schischek.

Datasheet EXM_ATEX_en dated 2015-04-09 from Schischek.

Tests carried out

Tested according to DNV Type Approval Programme 472.11.

Marking of product

The product and packing is to be marked with name of manufacturer, type designation and voltage/ current rating.

Periodical assessment

DNV GL's surveyor is to be given permission to perform Periodical Assessments at any time during the validity of this certificate and at least every second year. The arrangement is to be in accordance with procedure described in Standard for certification No. 1.2 Type Approval Item 4.