

DNV

DET NORSKE VERITAS

TYPE APPROVAL CERTIFICATE

CERTIFICATE NO. A-9689

This Certificate consists of 2 pages

This is to certify that the

Magnetic Level Indicator

with type designations

ITA-3-DNV, PN16 and ITA-6-DNV, PN40

Manufactured by

Intra-Automation GmbH

Grevenbroich, Germany

is found to comply with

Det Norske Veritas' Rules for Classification of Ships and
Det Norske Veritas' Offshore Standards

Application

For applications on tanks above double bottom
On board passenger ships, the level indicators are not for applications on tanks containing
fuel oil, lubricating oil or other flammable liquids.

Place and date

Høvik, 2005-08-17

for DET NORSKE VERITAS AS

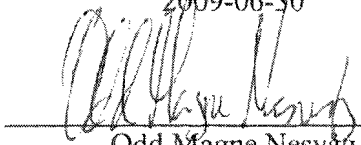

Knut-Helge Knutsen
Head of Section



Local Office
DNV Essen

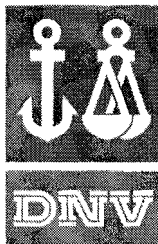
This Certificate is valid until

2009-06-30


Odd Magne Nesvåg
Surveyor

Notice: 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.

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.



Cert. No.: A-9689
File No.: 893.30

Type Approval documentation

Drawings:	KN-02007e-K-0000-4, Rev. 0
	KN-02007e-K-0001-4, Rev. 0
Tech. Description:	ITA-3/6
Specifications:	QSV 9.1 dtd. 20.07.95
	QSP 10.0.1, dtd. 10.08.95
	QSP 10.2.1, dtd. 23.02.95
	QSP 10.3.1, dtd. 22.04.94
Test Report:	MPA NW Nr. 13 0732 2 84

Certificate retention survey

The scope of the retention/renewal survey is to verify that the conditions stipulated for the type are complied with, and that no alterations are made to the product design or choice of systems, software versions, components and/or materials.

The main elements of the survey are:

- Ensure that type approved documentation is available.
- Inspection of factory samples, selected at random from the production line (where practicable)
- Review of production and inspection routines, including test records from product sample tests and control routines.
- Ensuring that systems, software versions, components and/or materials used comply with type approved documents and/or referenced system, software, component and material specifications.
- Review of possible changes in design of systems, software versions, components, materials and/or performance, and make sure that such changes do not affect the type approval given.
- Ensuring traceability between manufacturer's product type marking and the type approval certificate.

Survey to be performed at renewal of this certificate.

END OF CERTIFICATE