

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED), issued as "Forskrift om Skipsutstyr" by the Norwegian Maritime Authority. This Certificate is issued by DNV GL AS under the authority of the Government of Norway.

This is to certify:

That the Oil/water interface detectors

with type designation(s)

Oil/Water Interface Detector HERMetric UTIxx

Issued to

Enraf Tanksystem S.A.
Bulle, FR, Switzerland

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2018/773,**

item No. MED/2.2. Marpol 73/78 as amended, Annex I Regulation 32, IMO Res. MEPC.5 (XIII)

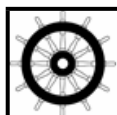
Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-06-29**.

Issued at **Høvik** on **2018-06-29**

DNV GL local station:
Augsburg

Approval Engineer:
Erik Istad



Notified Body
No.: **0575**

for **DNV GL AS**

Roald Vårheim
Head of Notified Body



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL AS of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.

Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Product description

Portable oil/water interface, ullage and temperature detector
UNI sensing probe
HERMetric UTI 2000 TOUCH
HERMetric UTI 2000 OPTO
HERMetric UTImeter Rtex
HERMetric UTImeter Gtex (Gas tight IIB + IIC version)

Application/Limitation

The detector can be used in gas-dangerous area of oil carriers.

For HERMetric UI-GT, UTImeter Rtex and Gtex:

The approval includes installation of Vapour Control Valves Model HERMetric Compact Valve C.1-SS and C.2-SS and HERMetric Deck Valves A-2.5-SS and A-4-SS on tank top as shut-of devices for manual dipping or sampling openings.

For HERMetric 2000 TOUCH and OPTO:

The approval includes installation of Vapour Control Valves Model HERMetric Compact Valve C.2-SS on tank top as shut-of devices for manual dipping or sampling openings.

Product certificate will not be required.

Type Examination documentation

Tests carried out

- Test report issued by See-Berufsgenossenschaft, Hamburg 18.03.1983
- Test report issued by Department of Trade, London, 03.06.1983
- Certificate of Conformity issued by BASEEFA, 13.05.1986
- Test report issued by Germanischer Lloyd "Test Report For The Type Approval For Oil/Water Interface Detectors For Use In Slop Tanks And Other Tanks", Cert. nos. 99852HH and 99853HH dated 18.11.1996, Cert. no. 93305HH dated 22.10.1997
- EC-Type Examination Certificate Kema 02ATEX1097 X
- GL Test Report No. 35826 HH 03
- See-Berufsgenossenschaft Certificate No. 334006
- Sensor ULTRA PLUS, Level and Interface Tests, internal test report from ETS Technology, dated 28.06.2013
- Final Inspection Report with Ultra plus sensor, dated 23.01.2014, witnessed by BV
- Final Inspection Report with Gtex Chem Ultra Plus version IIC, dated 05.12.2017, witnessed by DNV GL
- IECEx Certificate of Conformity IECEx KEM 06.0047X issued by Dekra, Issue 4, dated 2017-05-16
- EMC Test report issued by BV, dated 14.12.2017, report number "HCWC17NO0003VVNTY" – Test model: HERMetric UTImeter Gtex Chem ULTRA PLUS version IIC

Marking of product

For identification to this type examination certificate the products shall be marked with:

- Manufacturer's name or trade mark
- Type designation
- Mark of Conformity (wheel mark), followed by
 - identification number of the NoBo involved in production control (MED D)
 - the year the mark is affixed
 - Example: 0575/2018