

DESIGN APPRAISAL DOCUMENT

Date	Quote this reference on all future communications
10 March 2003	ROT.TA/0290320/GJV

LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 1996.

Issued to: Corrosion & Water-Control B.V., The Netherlands

For: Cable Feed Through and Anode Construction

TYPE APPROVAL CERTIFICATE NO. 03/30004

The undernoted documents have been reviewed for compliance with the requirements of Lloyd's Register's Type Approval System, 1996 and this Design Appraisal Document is a supplement to the Certificate.

APPROVAL DOCUMENTATION

Request form

Letter 781.002, 781.004

Fax GJV/db/02.T.138

Drawing T664.001 Rev. 0
GT.01.009 Rev. 0
GT.010.005 Rev. 0
T500.001 Rev. 0
000.100 Rev. 0
001.RC.APPR
000.50.APPR
000.75.APPR
001.30.APPR
000.100.APPR

Material lists

ICCP system description

Calibration report 45119001 dated 05-11-2002

TEST REPORTS

Pressure /Time report disk


Supplementary Type Approval Terms and Conditions

LR Type Approval certifies that a representative sample of the product(s) referred to herein has/have been found to meet the applicable design criteria for the use specified herein. It does not mean or imply approval for any other use, nor approval of any product(s) designed or manufactured otherwise than in strict conformity with the said representative sample.

LR Type Approval is based on the understanding that the manufacturer's recommendations and instructions and any relevant requirements of the Rules of Lloyd's Register of Shipping are complied with.

This LR Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations of Lloyd's Register of Shipping.

Lloyd's Register of Shipping reserves the right to cancel or withdraw this LR Type Approval Certificate in accordance with the LR Type Approval System Procedure.


G.J. Cromans
Senior Surveyor in charge
Type Approval Department

FINAL ACCEPTANCE OF ACTUAL ITEM(S) DEPEND(S) ON SATISFACTORY SURVEY AND TESTING

LR Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested with satisfactory results in accordance with the relevant requirements of the LR Type Approval System.

This certificate is issued to:

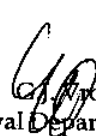
PRODUCER	Corrosion & Water-Control B.V.
PLACE OF PRODUCTION	Herenweg 58 2751 DB Moerkapelle The Netherlands
DESCRIPTION	Cable feed through and anode constructions for impressed current systems.
TYPE	Cable feed through: Type CFT01 (ICAF) and anode constructions : Type D0 anode (ICAF) Type D1 anode (ICAF) Type MMO anode (ICCP) Type reference electrode (ICCP)
APPLICATION	Marine and offshore applications
SPECIFIED STANDARDS	Manufacturer's specification
RATINGS	3 Bar nominal pressure

"This Certificate is not valid for equipment, the design, ratings or operating parameters of which have been varied from the specimen tested. The manufacturer should notify LR of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document No. ROT.TA.0290320 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No.	03/30004
Issue Date	10 March 2003
Expiry Date	09 March 2008
Sheet	1 of 1

Lloyd's Register of Shipping
71 Fenchurch Street, London EC3M 4BS


G. J. Romans
Type Approval Department
Rotterdam