

DESIGN APPRAISAL DOCUMENT

Date 03 June 2003	Quote this reference on all future communications ROT.TA/0290349/GJV
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LLOYD'S REGISTER'S TYPE APPROVAL SYSTEM, 1996.

Issued to: B.V. Twentsche Kabelfabriek
for: Halogen free flame retardant instrumentation and communication cable
Type: CS-85 mb, Twenkaship-Com-halogen free 250 V
CS-85 mb, Twenkaship-O-Signal-halogen free 250 V
TYPE APPROVAL CERTIFICATE No. 03/30014

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 dated 6-8-2002
Tests appendix
Test program 14-10-2002

TEST REPORTS

B.V. Twentsche Kabelfabriek test report dated 15-10-2002
ISQ 8431409 sh.1 to 6
ISQ 01/9861958
B.V. Twentsche Kabelfabriek test report 18832000, 188290008, 18830000, 18828000
B.V. Twentsche Kabelfabriek test report 233 dated 17-10-02

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. Vromans
Senior Surveyor
Type Approval Department

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