

Type Approval Certificate Extension

This is to certify that Certificate No. 95/60161(E3) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER	Draka Cableteq USA 22 Joseph E. Warner Boulevard North Dighton MA 02764 United States of America	
PLACES OF PRODUCTION	22 Joseph E. Warner Boulevard North Dighton MA 02764 United States of America	1 Tamaqua Boulevard Schuylkill Haven PA 017972 Unite States of America
DESCRIPTION	Flame retardant, single and multicore power and control cables, cross linked polyolefin insulated, arctic grade Neoprene or CPE sheathed. With or without bronze or aluminium braid and arctic grade Neoprene or CPE outer sheath.	
TYPES	Bostrig – 125 type P (600V and 2000V)	
APPLICATION	Marine, offshore and industrial use.	
SPECIFIED STANDARDS	IEEE 1580, IEEE 45, UL1309/CSA 245, IEC 60332-3 Category A	

Certificate No.	95/60161(E4)
Issue Date	12 October 2009
Expiry Date	29 November 2010
Sheet	1 of 2


A. Munden
London Design Support Services
Lloyd's Register EMEA

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

"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 Lloyd's Register EMEA of any modification or changes to the equipment in order to obtain a valid certificate."

The Design Appraisal Document 95/60161(E4) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No. 95/60161(E3) to which this extension should be attached.

Certificate No.	95/60161(E4)
Issue Date	12 October 2009
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Sheet	2 of 2



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DESIGN APPRAISAL DOCUMENT

Date

12 October 2009

Quote this reference on all future communications

LDSS/TA/ETS/W02136010/AM/O-102032

LLOYD'S REGISTER TYPE APPROVAL SYSTEM, 2002.**Issued to: DRAKA CABLETEQ USA****For: FLAME RETARDANT SINGLE AND MULTICORE
POWER AND CONTROL CABLES****Type: BOSTRIG-125 TYPE P (600V AND 2000V)
TYPE APPROVAL CERTIFICATE No. 95/60161(E4)**

The undernoted documents have been reviewed for compliance with the requirements of the Lloyd's Register Type Approval System, 2002 and this Design Appraisal Document forms part of the Certificate.

APPROVAL DOCUMENTATION

Approval Services Request for Quotation form

29 May 2009

Draka letter

29 May 2009

Specification J-104 Rev 3

June 2009

Specification J-105 Rev 3

June 2009

TEST REPORTS

Intertek Listing Constructional Data Report Number 0551892CRT-001

15 May 2009

Intertek Test Report No. 3176472CRT-003

20 May 2009

Also all the documentation listed on Design Appraisal Documents associated with Type Approval Certificate No. 95/60161(E3).

Supplementary Type Approval Terms and Conditions

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.

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

Type Approval does not eliminate the need for normal inspection and survey procedures required by the Rules and Regulations.

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

**A. Munden**

London Design Support Services

Lloyd's Register EMEA

Part 1B
Subject: Electrical Equipment (Not Environmentally Tested)
Product: Cables Power (Part 1B)

Producer/Licence No.	Description of Product			Cert. No.	
	Type	Details of Approval	Application		Remarks
Draka Cableteq USA, 22 Joseph E. Warner Boulevard, North Dighton, MA 02764, United States of America (USA).	Bostrig - 125 Type P (600/1000V)	Flame retardant, single and multicore power and control cables, crosslinked polyolefin insulated, actic grade Neoprene or CPE sheathed. With or without bronze or aluminium braid and arctic grade Neoprene or CPE outer sheath Voltage rating: Maximum conductor temperature:	General fixed power and control wiring for ships and offshore installations	Expires: 29 November 2010 IEEE-1580 IEEE -45 UL1309/CSA 245 IEC 60332-3 Category A See manufacturer's literature for cable sizes	95/60161(E4) 