



Lloyd's
Register

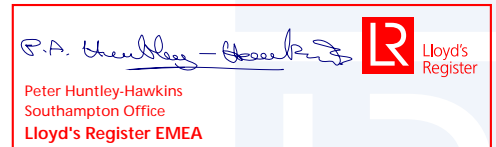
Type Approval Certificate

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

This certificate is issued to:

PRODUCER	UNTEL KABLOLARI
PLACE OF PRODUCTION	Makine Osb 6. Cad. D:4, Demirciler Köyü, Dilovası, Kocaeli (İzmit), Turkey
DESCRIPTION	HEPR Insulated, Halogen-free flame retardant non-hydroscopic filler, inner sheath screened, Halogen-free flame retardant outer sheathed MV cable
TYPE	MVCECH 3.6/ 6 KV 6/ 10 KV 8.7/ 15 KV 12/ 20 KV Conductor: Electrolytic stranded, annealed copper wire Class 2 (Class 5 and/ or tinned on request). Insulation: HEPR Outer Sheath: SHF1
APPLICATION	Fixed Marine

Certificate No.	17/ 00027
Issue Date	9 May 2017
Expiry Date	8 May 2022
Sheet	1 of 2



P.A.Huntley-Hawkins
Marine Technology & Engineering Services, Southampton
Lloyd's Register EMEA

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

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Lloyd's
Register

**SPECIFIED
STANDARD**

IEC 60092-354, IEC 60092-350, IEC 60332-1-2, IEC 60332-3-22, 61034-1/ 2,
IEC 60811-3-1, IEC 60754-2, IEC 60754-1, IEC 60684-2, IEC 60811-509, IEC
60811-507, IEC 60811-508,


SCOPE OF RANGE

TYPE	RATED VOLTAGE (KV)	NUMBER OF CORES	CROSS SECTIONAL AREA (mm ²)
MVCECH	3.6/ 6	1 and 3	10 to 400
MVCECH	6/ 10	1 and 3	16 to 400
MVCECH	8.7/ 15	1 and 3	25 to 400
MVCECH	12/ 20	1 and 3	35 to 400

“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 No. 17/00027 and its supplementary Type Approval Terms and Conditions form part of this Certificate.

Certificate No. 17/ 00027
Issue Date 9 May 2017
Expiry Date 8 May 2022
Sheet 2 of 2


Peter Huntley-Hawkins
Southampton Office
Lloyd's Register EMEA
LR031-1.2016.06

P.A.Huntley-Hawkins
Marine Technology & Engineering Services, Southampton
Lloyd’s Register EMEA

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

Lloyd's Register EMEA
Is a subsidiary of Lloyd's Register Group

Lloyd's Register Group Limited, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register'. Lloyd's Register assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.