



Lloyd's
Register

Type Approval Certificate Extension

This is to certify that Certificate No. 10/00063 (E1) for the undernoted products is extended and renumbered as shown.

This certificate is issued to:

PRODUCER

IMM Hydraulics S.p.A.
Via Italia 49-51
66041 Atessa (CH)
Italy

**PLACES OF
PRODUCTION**

IMM Hydraulics S.p.A.
Via Italia 49-51
66041 Atessa (CH)
Italy

IMM Hydraulics S.p.A.
Via l'Aquila 8-10
66041 Atessa (CH))
Italy

IMM Hydraulics S.p.a.
Zona Ind.le
C.da Giarnera Grande
71022 Ascoli Satriano
(FG) Italy

IMM Hydraulics (UK)
Ltd Units 1-2, Block 3
Shenstone
Trading Estate
Halesowen B63 3XB
United Kingdom (UK)

IMM Hydro Est s.r.l
Cățcău,353, Cluj
ROMANIA

DESCRIPTION

Fire tested flexible hose assembly consisting of an inner tube of nitrile butadiene (NBR) oil resistant synthetic rubber, two high tensile steel wire braid reinforcements, and an outer cover of abrasion and weather resistant synthetic rubber.

TYPE

Hipac 2SC
Hypress 2SC
Hypress 2SC Mining

APPLICATION

Marine, industrial, hydraulic and offshore piping systems, as short joining lengths to accommodate relative movement between items of machinery connected to permanent piping systems.

Certificate No.

10/00063(E2)

Issue Date

27 April 2016

Expiry Date

9 December 2020

Sheet

1 of 2


M. Nardo
Senior Specialist, Engineering Systems
Lloyd's Register EMEA

Lloyd's Register EMEA

Southampton Boldrewood Innovation Campus, Burgess Road, Southampton, SO16 7QF

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 STANDARDS

Lloyd's Register's Rules and Regulations for the Classification of Ships;
ISO 11237:2010;
ISO 15540:1999;
EN 857:1996.

RATINGS

Nominal Diameter (DN):

Max. working pressure (bar):

	Hipac 2SC	Hypress 2SC	Hypress 2SC Mining
6	430	400	400
8	400	350	350
10	350	330	330
12	310	275	275
16	280	250	250
19	240	215	240
25	210	160	210
32	160	125	140

Temperature range (°C):

- 40 to + 100

"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 attached Design Appraisal Document No. 10/00063(E2) and its supplementary Type Approval Terms and Conditions form part of this Certificate.

All other details remain as the previous Certificate No.s 10/00063 and 10/00063 (E1) to which this extension should be attached.

Certificate No. 10/00063(E2)

Issue Date 27 April 2016

Expiry Date 9 December 2020

Sheet 2 of 2


M. Nardo
Senior Specialist, Engineering Systems
Lloyd's Register EMEA

Lloyd's Register EMEA

Southampton Boldrewood Innovation Campus, Burgess Road, Southampton, SO16 7QF

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.