

EC Type Examination (Module B) Certificate

This is to certify that:

LLOYD'S REGISTER VERIFICATION LIMITED (LRV), designated as a "notified body" under the terms of the Merchant Shipping (Marine Equipment) Regulations 2016 (S.I. 2016 No.1025), as amended, did undertake the relevant type approval procedures for the type of equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 2014/90/EU, subject to any conditions in the Design Appraisal Document attached hereto.

Manufacturer	Teledyne Gas Measurement Instruments Ltd
Address	Inchinnan Business Park, Renfrew, Scotland, PA4 9RG, United Kingdom
Reference	Regulation (EU) 2019/1397
Regulation Item (No. & Item Designation)	MED/3.30 Portable Oxygen Analysis And Gas Detection Equipment
Product Type	PS 200 Series
Product Description	Portable Gas Detector
Specified Standard	IEC60945(2002) including IEC 60945 Corrigendum 1 (2008), IEC 60092-504 (12016), IEC 60533 (2015), EN 50104 (2010), EN 60079-0(2012) including A11 (2013), EN60079-11 (2012), EN60079-1(2014), EN60079-29-1 (2016)
Trade Name	PS 200 Series

The attached Design Appraisal Document (schedule) forms part of this certificate. This certificate remains valid unless suspended, expired or withdrawn, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

This certificate is issued under the authority of the MCA. This certificate will not be valid if the manufacturer makes any changes or modifications to the approved type of equipment, which have not been notified to and agreed with the notified body named on this certificate. The manufacturer should notify LRV of any modification or changes to the equipment in order to obtain a valid Certificate.

Should the specified regulations or standards be amended during the period of validity of this certificate, the product is to be re-approved prior being placed on the market and on board vessels to which the amended regulations or standards apply.

The Mark of Conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-control phase module (D,E, or F) of ANNEX II of the Directive is fully complied with and controlled by a written inspection agreement with a notified body.

Lloyd's Register Verification Limited (Reg. no. 4929226) is a limited company registered in England and Wales. Registered office: 71 Fenchurch Street, London, EC3M 4BS, UK. A member of Lloyd's Register group.



Matt Higgins
Electrical Specialist to Lloyd's Register
Verification Ltd
A member of the Lloyd's Register group

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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE No. LR2002880MB

The undernoted documents have been appraised for compliance with the relevant requirements of International Conventions and European Union legislation for the EC Type Examination of Marine Equipment for use on Merchant Ships Registered in the European Economic Area.

This Design Appraisal Document (schedule) forms part of the Certificate.

This certificate is a Renewal of Certificate: MED 1600010.

APPROVAL DOCUMENTATION

GMI MED standards listings	undated
BSI ISO9001:2015 Quality Management System Certificate No 09760	2020-01-23
PS200 Risk Assessment	29 Oct 2019
PS200 Operations & Maintenance Manual, 64171, issue 10	May 2019

CERTIFICATES

IECEX certificate of Conformity No IECEX SIR 11.0019 issue 9	2018.10.31
IECEX certificate of Conformity No IECEX SIR 11.0019 issue 5	5.01.2015
IECEX Certificate of conformity No IECEX SIR 11.0019X iss 1,	20.06.2011
Sira 11ATEX2041 iss 10	2018.04.20
York EMC Services 4794TC1	16 Nov 2017
York EMC Services 3132TC1,	01.04.2011
York EMC Services 5033TC1	09/10/2018

DRAWINGS

64290A iss C SIRA CERT 64258	03.07.2012
67018A SIRA V2 iss 1	01.11.2006
64320-cert iss 1	11.04.2011
64290i1SCP ISS 1	13.04.2011
64290i1SCP ISS 2	08.11.2011
64321 SIRA CERT iss B	13.04.2011
64320-gerb iss 1	11.04.2011
64317 SIRA CERT iss B	20.05.2011
64317 SIRA CERT iss E	06.11.2014
64290A SIRA CERT iss C	03.07.2012
64258a SIRA CERT iss A	29.07.2010
64250A SIRA CERT iss A	05.08.2010
64320cert iss B	16.12.2010
64320-gerb iss A	24.01.2011



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TEST REPORTS

Schedule of Accreditation Leonardo MW Limited Issue 040	08 Jan 2019
Schedule of Accreditation Gas Performance Testing Services Limited Issue 006	16 Sep 2019
Schedule of Accreditation Eurofins York Ltd Issue 115	05 Dec 2019
MED Test Report L0046	10 Sept 2019
York EMC Services 4793TR1	16 Nov 2017
PS200 Test Report No L0039	30.04.2015
York EMC Services Test Report 5032TR1	09/10/2018
York EMC Services Test Report No 3131TR1 iss 1,	01.04.2011
Selex Galileo Test Report No 271103 iss 2,	18.04.2011
GMI Test Report No. L0024,	20.07.2011
GMI Test Report No. L0022,	18.07.2011
GMI Test Report No. L0023,	18.07.2011
GMI Test Report No. L0024 rev 2	11.11.2011

THE FOLLOWING MED SPECIFIED STANDARDS ARE NOT APPLICABLE TO THIS PRODUCT

EN 60079-10-1 (2009)
EN 60079-15 (2010)
EN 60079-26 (2007)

CONDITIONS OF CERTIFICATION

1. Production items of the subject equipment are to be manufactured in accordance with either an approved Production Quality Assurance system (Module D), a Product-Quality assurance system (Module E) or a Product Verification Process (Module F). The wheelmark cannot be affixed to the product until a conformity assessment module is in place
2. Each item, batch or lot of the equipment is to be issued with a "Declaration of Conformity" and have the "Mark of Conformity" affixed after a conformity assessment module is in place
3. The manufacturer shall keep a copy of the EC type-examination certificate, its annexes and additions together with the technical documentation at the disposal of the national authorities for at least 10 years after the wheel mark has been affixed on the last product manufactured and in no case for a period shorter than the expected life of the marine equipment concerned

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PLACE OF PRODUCTION

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