

Type Examination Certificate

This is to certify that:

Scott Health & Safety Ltd
Pimbo Road
West Pimbo
Skelmersdale
WN8 9RA
United Kingdom

Holds Certificate Number:

BSI/UK/7.1/754948

In respect of:

UK/7.1 - Self-contained compressed-air-operated breathing apparatus for entry and work in gas-filled space.

Product type – Sigma 2 Type 2

Specified Standards - ISO 23269-3:2011

On the basis of our examination under the requirements of the Merchant Shipping (Marine Equipment) Regulations (SI 2016/1025) as amended for Conformity Assessment Procedure Module B - Type Examination.

For and on behalf of BSI, an Approved Body for the above Regulation (Approved Body Number 0086):

Shahm Barhom, Group Product Certification Director

First Issued: 2023-03-15

Latest Issue: 2023-03-15

Effective Date: 2023-03-15

Expiry Date: 2028-03-15

Page: 1 of 3



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SCHEDULE OF APPROVAL

Product description

The 3M™ Scott™ SIGMA 2 is a Type 2 open circuit, self-contained, compressed air breathing apparatus for use in marine, industrial and fire applications where a high level of respiratory protection is required. It consists of a back plate, adjustable harness and pneumatic system, containing a cylinder connector, reducer, pressure gauge, whistle and demand valve. The harness is made from a flame retardant kevlar™ blend. The SIGMA 2 can be configured in a number of different ways with various size single cylinders. All SIGMA 2 SCBA systems have pictogram instructions and relevant UKCA & MER markings.

The SIGMA 2 is used in conjunction with a range of composite or steel cylinders and the choice of Vision 3 or Promask PP facemask.

Model Designations:

AC – Airline connector

SDC or Y2C - Split demand valve coupling

Approval Documentation that forms part of this certification:

Drawing No.	Revision No.	Date	Title
Sigma 2 Type 2	B	28/06/2012	Sigma 2 Type 2 Approval Drawing

Supporting Documentation

Technical File	3M TF0628 issue dated 20/02/2023 - BSI Project Reference: 3495676.		
Test Reports	8216614 dated 22/05/2017 (BSI)		ISO 23269-2:2011
	8776231 dated 28/09/2017 (BSI)		ISO 23269-2:2011
	8214273 dated 22/05/2017 (BSI)		ISO 23269-3:2011
	9184.1/17 dated 16/10/2017 (DEKRA)		EN 137:2006
	0211213MSS137 dated 02/11/2021 (Breath Safety)		EN 137:2006
	7503/12 dated 29/05/2012 (DEKRA)		EN 137:2006
	7574073 dated 11/06/2012 (BSI)		EN 137:2006

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Page: 2 of 3

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Certificate of Amendment Record and BSI Internal Review relating to this Certificate

Issue date	Comments	BSI Review No.
March 2023	First Issue	0086:23:3495681

Conditions of Certification

- i) This certificate remains valid unless cancelled or revoked, provided the conditions listed below are complied with and the equipment remains satisfactory in service.
- ii) The equipment detailed on page 1 on this certificate is to be manufactured in accordance with Conformity to Type Based on Quality Assurance of the Production Process (Module D) of the Merchant Shipping (Marine Equipment) Regulation SI 2016/1025, as amended & MSN 1874 (M+F) Amendment 6.
- iii) SOLAS 74 Reg. II-2/10, II-2/15, II-2/19 & X/3. IMO Res.MSC.98(73)-(FSS Code) 3, IMO Res.MSC.36(63)-(1994 HSC Code) 7, IMO Res.MSC.97(73)-(2000 HSC Code) 7, IMO Res.MSC.4(48)-(IBC Code) 11. IMO Res.MSC.5(48)-(IGC Code) 11, IMO MSC.1/Circ.1499 & IMO MSC.1/Circ/1555 requirements as applicable.
- iv) If the specified standards are amended during the validity of this certificate, this product type is to be re-approved prior to it being supplied to vessels to which the amended standards apply.
- v) Production tests are to be conducted in accordance with the applicable requirements of the IMO Resolutions and applicable standards and be recorded by the manufacturer in accordance with the approved Conformity to Type Based on Quality Assurance of the Production Process (Module D) of the Marine Equipment Directive & the Merchant Shipping (Marine Equipment) Regulation SI 2016/1025, as amended.
- vi) Each item, batch or lot of the equipment is to have the "Mark of Conformity" affixed and be issued with a "Declaration of Conformity".
- vii) Detailed User instructions are to be provided with each product.

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