

NOTICE OF REGISTRATION OF PLANT DESIGN (BREATHING APPARATUS TO ASSIST ESCAPE (INCLUDING SELF-RESCUERS))

You are notified that the design of the item of plant (breathing apparatus to assist escape (including self-rescuers)) detailed below has been registered in accordance with Part 5.3 of the *Work Health and Safety Regulation 2017* and clause 177(1) of the *Work Health and Safety (Mines and Petroleum Sites) Regulation 2014*.

The conditions of registration in the attached Schedule have been imposed. You must comply with the conditions of registration in accordance with section 45 of the *Work Health and Safety Act 2011*.

Name of the registration holder:	MSA (Aust) Pty Ltd
Address of registration holder:	11 Columbiaway Baulkham Hills NSW 2153
Plant design registration number:	MDR 078400 BA-1
Date the registration was granted:	28 March 2008
Type of plant design:	Breathing apparatus to assist escape (including self-rescuers) used in underground coal mines
Description of plant:	MSA W65 Filter Self Rescuer Breathing Apparatus
Make number (if applicable):	MSA/Auer
Model number (if applicable):	FSR W65
Drawing number:	D1090701
Standards specified for the purpose of this design registration	<i>Registration of Breathing Apparatus to Assist Escape (including Self-Rescuers) Design Order 2015</i> published in NSW Government Gazette No 52 of 26 June 2015, pages 1845 to 1846.

For any enquiries, please phone Mine Safety Registration on 1300 814 609 or email cau@planning.nsw.gov.au



Garvin Burns
Chief Inspector of Mines
Resources Regulator

Signed under delegation from the Secretary, Department of Planning and Environment

Date: 17 May 2018

SCHEDULE – Conditions of registration

1. Detailed description

A Filter Self Rescuer Breathing Apparatus that uses an oxidation catalyst hopcalite to convert carbon monoxide to carbon dioxide.

The filter unit consists of an outer coarse-dust filter and an inner fine-dust filter to remove dust particles, the hopcalite catalyst, and a drying agent to protect the hopcalite from moisture. The filter has a noseclip and headstraps attached. The filter is housed in a stainless steel case. Total weight of unit and case is approximately 1 kg.

2. Documents to be provided

The following documents must be provided to each person to whom the design and/or breathing apparatus to assist escape (including self-rescuers) is supplied.

Document Number	Issue	Date	Title
D10101857	02	without	Operating Manual
G-US 109B-703	12	19/11/91	CO Filter Self Rescuer W65

3. Conditions on the registration holder

- 3.1 There must be no alternation(s) in the materials, design or construction of the breathing apparatus to assist escape (including self-rescuers) from those detailed in the *Notice of Registration of Plant Design (Breathing Apparatus to Assist Escape (including Self-Rescuers))*.
- 3.2 The following information must be inscribed on a durable plate fixed in a prominent position on the breathing apparatus to assist escape (including self-rescuers):
 - a. design registration number MDR 078400 BA, and
 - b. name of the registration holder, and
 - c. the model number, and
 - d. serial number, and
 - e. date of manufacture,
 - f. rated duration of 60 minutes.
- 3.3 The registration holder must ensure that each installation of the breathing apparatus to assist escape (including self-rescuers) is checked to ensure it conforms to the *Notice of Registration of Plant Design (Breathing Apparatus to Assist Escape (including Self-Rescuers))*.
- 3.4 In satisfying your duties under Division 3 of Part 2 of the *Work Health and Safety Act 2011*, you must include the 'Limitations on the Use of this Design' information below to each person who you provide the design to, which may include any manufacturer, importer, supplier and any user of the breathing apparatus to assist escape (including self-rescuers):
 - a. At least 1% of manufactured breathing apparatus to assist escape (including self-rescuers) must be examined and tested in accordance with sections 5 and 6 of MDG 3609 *Escape Breathing Apparatus for Underground Mining Applications*, as amended from time to time.
 - b. There must be cleaning, storage, maintenance and inspection processes and procedures for this type of breathing apparatus to assist escape (including self-rescuers). The procedures must ensure breathing apparatus to assist escape (including self-rescuers) cannot be contaminated with fungi.
 - c. Replacements and spares for breathing apparatus to assist escape (including self-rescuers) must only be supplied by the manufacturer or his agent and they must comply with the requirements in the *Notice of Registration of Plant Design (Breathing Apparatus to Assist Escape (including Self-Rescuers))*.

- d. The breathing apparatus to assist escape (including self-rescuers) is deemed to have a rated duration of 60 minutes in accordance with MDG 3609 *Escape Breathing Apparatus for Underground Mining Applications*, as amended from time to time. The duration is dependent on the breathing rate of the user and therefore may be more or less than the rated duration depending on the circumstances under which the apparatus is used.
- e. Any person that is required to wear the breathing apparatus to assist escape (including self-rescuers) must be instructed and trained in its use.
- f. Before entering an underground coal mine, any person issued with breathing apparatus to assist escape (including self-rescuers) must examine it for signs of external damage, check the moisture indicator and ensure that any external seal is in position and intact.
- g. The registration holder and the regulator must be informed when safety related defects occur.



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