



Mine Safety
Manager
Dezega Pacific Pty Ltd
pollard@dezega.com

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 2011* 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:	Dezega Pacific Pty Ltd ABN 90 600 431 203, ACN 600 431 203
Address of registration holder:	3 McKenzie Ave WOLLONGONG NSW 2500
Plant design registration number:	MDR 166177 BA-0
Date the registration was granted:	6 October 2016
Type of plant design:	Breathing apparatus to assist escape (including self-rescuers) used in underground coal mines
Description of plant:	Portable waist worn self-contained self-rescuer, chemical oxygen type (KO2) for escape, nominal rated working duration (RWD) – 30 min
Make number (if applicable):	Ci-30 KS
Model number (if applicable):	N/A
Drawing number:	C47AS.00.000 SCSR
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 (02) 4931 6410 or email minesafety.registration@industry.nsw.gov.au

Dave McLean
Chief Inspector of Mines
Resources Regulator

Signed under delegation from the Secretary, Department of Industry, Skills and Regional Development

Date: 6 October 2016

SCHEDULE – Conditions of registration

1. Detailed description

The Ci-30 K S rescuer is a portable waist worn self-rescuer with pendulum breathing. Its light weight and compact design make the Ci-30 K S easy to carry and simple to use. In operation the waist clasps remain on the belt and the self-rescuer is fixed on the breast with neck and waist belts. Heat shielding gives the user maximum protection against apparatus heating.

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 No.	ISSUE	DATE	TITLE
n.n.	1	1/04/2015	Ci-30 manual (Australia)

3. Conditions on the registration holder

- 3.1 New plant must not be manufactured, supplied or imported to this design registration after 5th October 2026. This does not prevent ongoing use of existing plant supplied prior to this date.
- 3.2 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))*.
- 3.3 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 166177 BA-0, and
 - b. name of the registration holder, and
 - c. the model number, and
 - d. serial number, and
 - e. date of manufacture.
 - f. rated duration 30 minutes.
- 3.4 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))*.

4. Conditions on 'Limitations on the Use of this Design'

- 4.1 In satisfying your duties under Division 3 of Part 2 of the Work Health and Safety Act 2011, you must include 'Limitations on the Use of this Design' (see 4.2 below). This information must be given to all people who you provide the design to (including any manufacturer, importer, supplier and any user of the breathing apparatus to assist escape (including self-rescuers)).
- 4.2 The 'Limitations on the use of this Design', must include the information below as a minimum:
 - 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).

- 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) If a current certificate of compliance covers the self-rescuers in accordance with section 6 of MDG 3609 *Escape Breathing Apparatus for Underground Mining Applications*, as amended from time to time, the self-rescuers may continue in service up to 10 years from the year of manufacture.
- e) The breathing apparatus to assist escape (including self-rescuers) is deemed to have a rated duration of 30 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.
- f) Any person that is required to wear the breathing apparatus to assist escape (including self-rescuers) must be instructed and trained in its use.
- g) 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.
- h) The registration holder and the regulator must be informed when the breathing apparatus to assist escape (including self-rescuers) does not comply with the Notice of Registration of Plant Design (Breathing Apparatus to Assist Escape (including Self-Rescuers)) or when safety related defects occur.



Dave McLean
Chief Inspector of Mines
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