



## REPORT

**No:** 33850a  
**Date of Issue:** 29 May 2013  
**File No:** 2012/004201

**Prepared for:**  
**PAN ABRASIVES AUST PTY LTD**

**ABRASIVE BLAST AIR-LINE RESPIRATORS**

**Your Reference:** Application from Pan Abrasives Aust Pty Ltd dated 20 January 2012 for the testing of Cosmo abrasive blast air-line respirators to AS/NZS1716: 2012.

**Objective:** To determine whether the equipment listed below meets the requirements of the Australian/New Zealand Standard 1716: 2012.

**Equipment:** Cosmo Supplied Air respirator, comprising:  
 Cosmo Supplied Air Respirator Helmet BAC-BH-0178-00  
 Standard Nylon cape (Grey) with inner collar BAC-BH-PB-0004  
 Breathing Tube BAC-BH-PB-0003  
 Acoustiflex Breathing Tube BAC-BH-0161-03  
 Airline x 10mm ID BAC-AF-PB-0071  
 Air flow controller BAC-AF-PB-0036  
 Air cooling controller BAC-AF-PB-0032  
 Climate controller BAC-AF-PB-0175  
 Inner lens-Standard BAC-BH-0158-00  
 Inner lens Alternate-BAC-BH-0193-00

**Manufacturer:** Pan Abrasives (Shanghai) Ltd  
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 1188 Wan Rong Road, Shanghai

**Submitter:** Pan Abrasives Aust Pty Ltd  
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## Result Summary

**Complies:** 2.1.6, 3.2.2, 8.2, 8.3.3, 8.4.6.1, 8.4.6.3, 8.4.6.4, 8.4.7(3.2.3), 8.4.8, 8.4.9

**Does not comply:** Nil.

**Submitted Information:**

1. Application from Pan Abrasives Aust Pty Ltd dated 20 January 2012 for the testing of Cosmo abrasive blast air-line respirators to AS/NZS1716: 2012.
2. Email from Pan Abrasives Aust Pty Ltd dated 21 September 2012 regarding stock codes of lenses. Inclusion of lens drawings.
3. Email from Pan Abrasives Aust Pty Ltd dated 24 October 2012 regarding blast pattern likely to have impacted on the lens.

**Conclusion:** The respirators as listed in 'Equipment' satisfied the selected performance requirements for AS/NZS1716: 2012 when fitted with the Inner lens Alternate-BAC-BH-0193-00. When fitted with the standard lens BAC-BH-0158-00, the selected performance requirements for 8.4.8 and other Clauses were met in conjunction with report number 33403. No other Clauses were requested for assessment other than those tested below.