



International Magnetic Solutions

Unit 1, 12 Jura Street  
 Heatherbrae NSW 2324  
 PO Box 159  
 Raymond Terrace NSW 2324  
 Australia  
**P:** +61 2 4987 3912  
**F:** +61 2 4987 7651  
**E:** [sales@imsolution.com.au](mailto:sales@imsolution.com.au)  
**W:** [www.imsolution.com.au](http://www.imsolution.com.au)

<b>Certificate Number</b>
907*****

**Quality Test Sheet: IMS Crack Detector**

<b>Customer</b>	***** ENGINEERING PTY LTD		
<b>Items Tested</b>	IMS Crack Detector Item No 907		
<b>Tested By</b>	Victor Cassar		
<b>Test Result</b>	<b>Pass</b>	<b>Testing Device</b>	<b>Wt 10001</b>
<b>Testing Criteria</b>	AS 1171, ASME V or BS 6072 requirements Lifting power of at least 18 kg (40 lb) at maximum pole spacing. The test mass initially verified		

**Tester Signature:** \_\_\_\_\_ **Date of Test:** 7<sup>th</sup> July 20\*\*

Reference: ISO/IEC 17025 APPLICATION DOCUMENT  
 national association of testing authorities, australia  
 Non-destructive testing CALIBRATION: MAGNETIC PARTICLE TESTING EQUIPMENT

ITEM OF EQUIPMENT	Maximum period between successive calibration or checks	Procedures and comments
AC ELECTROMAGNET (YOKE)	*6 months	AS 1171, ASME V or BS 6072 requirements as applicable e.g. Lifting power of at least 4.5 kg (10 lb) at pole spacing between 75mm and 300mm (AS 1171) The test mass shall be initially verified
DC ELECTROMAGNET	6 months	As for permanent magnets
MAGNET PERMANENT	*1 month  *1 month	AS 1171, ASME V or BS 6072 requirements as applicable e.g. Lifting power of at least 18 kg (40 lb) at maximum pole spacing. The test mass shall be initially verified.  Where pole spacing is less than or equal to 75 mm, the magnets shall be capable of lifting not less than 0.24 kg per millimetre of pole spacing. ( BS 6072)