




Testing Certificate

Company name:	Gridmesh Anchor Pty Ltd		
Project:	Gridmesh Anchor used as a material handling anchorage – Verify by testing		
Job Number:	GMA002-2	Revision:	1
Date of Issue:	4 Sept 2018		
Date of Expiry:	<ul style="list-style-type: none"> On revision of listed standards or regulations, where the change effects the basis of performance. On modification or addition by others, where the change affects original compliance. 		
Prepared by:	Roderick McDonald		

Scope of Works:	Assessment of the Gridmesh Anchor (GMA) system to be used as a relocatable anchor for the purposes of material handling. The engineering certificate GMA002-1 (GMA002 C180904-1) requires a proof test to the performance requirements set out in AS1418.1. Specifically, this is a load to 125% of minimum rated capacity (MRC) with no permanent set after testing.	
Basis of Test:	The relevant sections of the following standards were used as a basis for the testing of the above described equipment: <ul style="list-style-type: none"> AS1418.1:2002 Cranes Hoists and Winches – General requirements. 	
Test Conditions:	<p>Test unit was set up on a frame such that a chain block and calibrated crane scales were used to apply and measure direct tension through the GMA sling. Note the soft sling in the photo is a safety sling and is shown slack at peak load.</p> <p>Crane scale details:</p> <ul style="list-style-type: none"> OCS, Electronic Othoptic Crane Scales Model = CS-5T Accuracy = OLML III Id No. = E170111 	
	 <p>Test unit, showing sling position.</p>	 <p>Test load on Scales.</p>
Performance:	<p>The test unit achieved the following results:</p> <ul style="list-style-type: none"> Withstood a test load to 1536kg (128% MRC) While under test load, beam element deflections were within AS1418 deflection limits for normal performance. Once loading was removed, no permanent set was detected. <p style="text-align: center;">Testing performance requirements met with AS1418.1:2002</p>	

Engineers statement:

The engineering works undertaken have been performed with due care and diligence.

