

# TESTING OF SINGLE - POINT ANCHOR DEVICES

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Discipline of Civil, Surveying and Environmental Engineering

The University of Newcastle, NSW, 2308, Australia

CLIENT: Gridmesh Anchor Pty Ltd

PO Box 899

LANE COVE NSW 2066

Checked by: 

Goran Simundic BE, ME, MIE Aust, CPEng,  
Structural Testing Manager, Structural Laboratory,  
Discipline of Civil, Surveying and Environmental Engineering  
The University of Newcastle, Australia

**TEST NUMBER:** 2018/47

**TEST DATE:** 02/05/2018

**CLIENT:** Gridmesh Anchor Pty Ltd  
PO Box 899  
LANE COVE, NSW 2066

**LOCATION OF TESTING FACILITY:** Structural Laboratory, Discipline of Civil, Surveying and Environmental Engineering, The University of Newcastle.

**TESTS CARRIED OUT BY:** Goran Simundic BE, ME, MIE Aust, CPEng.  
Structural Testing Manager

**TEST SPECIMEN:** GA01 Gridmesh Personal Fall Arrest Anchor (Serial#55, Batch 0917)  
  
NORMAL CONFIGURATION (Position 2)

**TEST TYPE:** Static test in a test bed arrangement in the as installed configuration.

**TEST DESCRIPTION:** The anchor has a static force of 22.2kN(5000lbs) applied and held for a period of not less than three (3) minutes.

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**TESTED IN ACCORDANCE  
WITH:**

**STATIC TESTING  
REQUIREMENTS:** 22.2kN(5000lbs)

**STRUCTURE TO  
BE TESTED ON:** Horizontal Beams 100x50x5mm  
Vertical Frame 100x100x3mm  
The test bed was fixed to the laboratory "strong wall".

**TEST RESULT:**

The specimen reached a peak load of 22.2kN. The specimen showed signs of stretching but not fracture.

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