



## Load Test Report

Report Number: 27146643-18 July 28, 2014  
Client: GYM DIRECT Page 1 of 2  
UNIT 1 / 3 RESOLUTION DRIVE CARINGBAH NSW 2229  
Client Contact:  
Order Number:  
Test Requirements: Load test of a power rack with high low pulley as per client's instructions.  
Sample Identification: Power Rack with High Low Pulley (Code MMPRWHLPS)  
Test Date: 08/07/2014

**Test Equipment:** 25kg Free Weight Plates 20kg Barbells 32.5kg Dumbbells Slings  
(Refer to Test Report 27146643-23 for details)

**Test Load:** 1077.90kg on the J hooks / barbell pins  
1077.90kg on the safety bars  
525.00kg on the pull up bar (at a span of 420mm)  
203.60kg on the high low pulley

**Requirements:** The sample is to withstand the distributed test load on the J hooks, safety bars, pull up bar and high low pulley with no evidence of collapse or observable damage/deformation as per client's instructions.

**Test Results:** There was no evidence of collapse or observable damage/deformation after application of the test loads.

**Remarks:** Based on the distributed test loads applied and applying a Factor of Safety 1.5, the Load Rating of the Power Rack on the J Hooks is 700kg, on the Safety Bars is 700kg, on the Pull Up Bar is 350kg and on the High Low Pulley is 130kg.



Figure: 1

Subject: General View of the HPRSP Commercial Power Rack and J\_J Hook\_2 Premium J Cups

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Edgar Mendez  
Metallurgist  
New South Wales

ADDRESS Units 1a & 2, 171-175 Newton Road, Wetherill Park NSW 2164 Australia | PHONE +61 2 8786 3100 | FAX +61 2 9756 3359  
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Figure: 2  
Subject: View of the power rack with the distributed test load (1077.90kg) applied on the J hooks.



Figure: 3  
Subject: View of the power rack with the distributed test load (1077.90kg) applied on the safety arms.

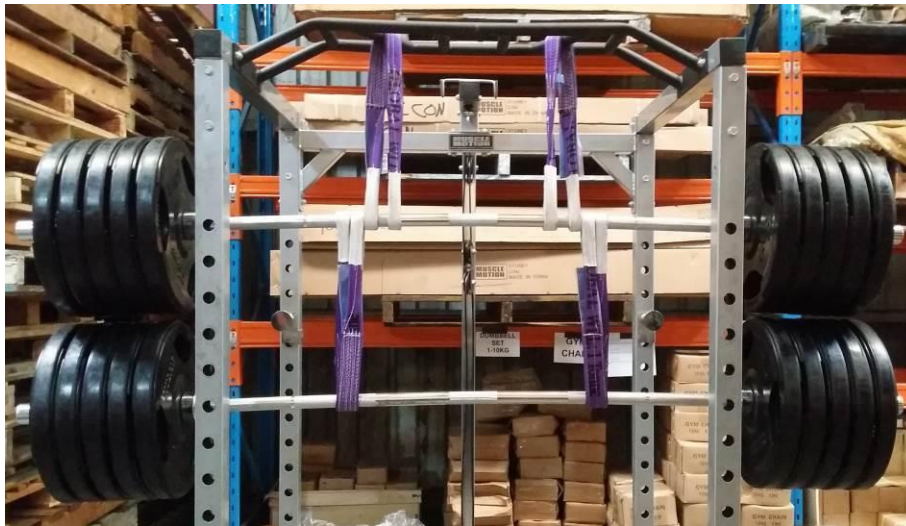


Figure: 4  
Subject: View of the power rack with the distributed test load (525.00kg) applied on the pull up bar.



Figure: 5  
Subject: View of the power rack with the distributed test load (203.60kg) applied on the high low pulley.