

BSRM Group of Companies,  
Ali Mansion,  
Sadarghat Road,  
Chittagong,  
Bangladesh

For the attention of: Mr Shaiful Azam

20<sup>th</sup> June 2016

**Laboratory Test Report No. 160412**

Client's order No. To be advised

Specimen identification

Twelve (12) off 16 mm Ø QST bar specimens to BS 4449:2005 grade B500B approximately 1m in length.

Specimens identified during testing by laboratory numbering 160412/1/1 to 160412/1/12.

Date of test 8<sup>th</sup> – 17<sup>th</sup> June 2016

Tests conducted

Fatigue test according to BS EN ISO 15630-1:2010 clause 8 with test conditions as specified in BS 4449:2005.

Fatigue test results

Specimen Identification	Bar ID No.	No of Cycles X10 <sup>6</sup>	Frequency (Hz)	Position of Failure	Comments
160412/1/1	3	5.0	117	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
160412/1/4	5	5.0	116	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
160412/1/2	1	5.0	115	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
160412/1/5	4	5.0	116	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
160412/1/3	6	5.0	116	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles

Statement of compliance

This batch of specimens complied with the requirements of BS 4449:2005 clause 7.2.4.

Test report authorised by:



R J Chiplen  
Laboratory Manager

**End of report**

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