

BSRM Steels Limited,  
Plot No. 4, Fouzdarhat Industrial Area,  
Chittagong,  
Bangladesh

21<sup>st</sup> November 2014

### Laboratory Test Report No. 141078

Client's order No. To be advised

#### Specimen identification

Twelve (12) off 10 mm Ø QST bar specimens to BS 4449:2005 grade B500C approximately 1m in length.

Specimens identified during testing by laboratory numbering 141078/1/1 to 141078/1/12.

Date of test 14<sup>th</sup> – 20<sup>th</sup> November 2014

#### 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
141078/1/1	1	5.0	97	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
141078/1/2	2	5.0	96	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
141078/1/3	3	5.0	96	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
141078/1/4	4	5.0	97	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
141078/1/5	5	5.0	96	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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