

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

28th November 2014

Laboratory Test Report No. 141079

Client's order No. To be advised

Specimen identification

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

Specimens identified during testing by laboratory numbering 141079/1/1 to 141079/1/12.

Date of test 21st – 28th 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 ⁶	Frequency (Hz)	Position of Failure	Comments
141079/1/1	1	5.0	100	n/a	Test stopped at 5.0 x 10 ⁶ cycles
141079/1/2	2	5.0	100	n/a	Test stopped at 5.0 x 10 ⁶ cycles
141079/1/3	3	5.0	100	n/a	Test stopped at 5.0 x 10 ⁶ cycles
141079/1/4	4	5.0	100	n/a	Test stopped at 5.0 x 10 ⁶ cycles
141079/1/5	5	5.0	99	n/a	Test stopped at 5.0 x 10 ⁶ 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

