

The Rani Re-rolling Mills Ltd.,
Plot 44, Block J,
Progoti Shoroni, Main Road,
Baridhara,
Dhaka-1212,
Bangladesh.

5th September 2016

Laboratory Test Report No. 160556

Client's order No. To be advised

Specimen identification

Twelve (12) off 16 mm Ø QST bar specimens to BS 4449:2005 grade B500C, approximately 1m in length.

Specimens identified during testing by laboratory numbering 160556/1/1 to 160556/1/12.

Date of test 17th July – 24th August 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 ⁶	Frequency (Hz)	Position of Failure	Comments
160556/1/3	3	5.0	115	n/a	Test stopped at 5.0 x 10 ⁶ cycles
160556/1/5	5	5.0	112	n/a	Test stopped at 5.0 x 10 ⁶ cycles
160556/1/11	11	5.0	117	n/a	Test stopped at 5.0 x 10 ⁶ cycles
160556/1/12	12	5.0	103	n/a	Test stopped at 5.0 x 10 ⁶ cycles
160556/1/1	1	5.0	122	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

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