

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

17<sup>th</sup> May 2017

**Laboratory Test Report No. 170275**

Client's order No. To be advised

Specimen identification

Twelve (12) off 40 mm Ø reinforcing bar specimens to BS 4449:2005 grade Xtreme 500W approximately 1m in length.

Specimens identified during testing by laboratory numbering 170275/1/1 to 170275/1/12.

Date of test 11<sup>th</sup> – 16<sup>th</sup> May 2017

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
170275/1/2	2	5.0	129	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
170275/1/5	5	5.0	128	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
170275/1/1	1	5.0	129	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
170275/1/4	4	5.0	128	n/a	Test stopped at 5.0 x 10 <sup>6</sup> cycles
170275/1/3	3	5.0	128	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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