



## Certificate of Conformity

**Certificate Number: SGS CRL/1/B/2013/RST/EN/0038**

The following product (detailed in the attached Schedule(s)):

**600kN 105mm stroke Elastomeric Buffer, Cat. A, 450mm head**

submitted by the Applicant:

**HST OTOMOTIV Imalat Sanayi ve Ticaret AS,  
Hurriyet Mah. E90 Karayolu Kenari Sertpmeleri 54, Temelli - Sincan,  
06901 Polatli, Ankara, TURKEY**

has been assessed by:

**SGS CORREL Rail Ltd,  
Gee House, Holborn Hill, Birmingham, West Midlands B7 5PA,**

who verifies that the product named above complies with the applicable requirements of the standards shown below and listed in the attached Schedule(s), subject to any restrictions listed in the attached Schedule(s), which forms part of this certificate.

**Standards:** EN 15551:2009 + A1:2010.

**Specimen:** 600kN 105mm stroke Elastomeric Buffer, Cat. A, 450mm head.

**Reason for Issue:** Updated test report to include life cycle test.

**Expiry Date:** None.

The attached Schedule(s) details the documentation associated with this certificate and any limitations, restrictions or constraints associated with the verification of conformity.

**Issue 03:** 30<sup>th</sup> June 2014.

Issued on behalf of SGS CORREL Rail Ltd :  
Competent Body

(C H Llewellyn – Authorised Signatory)

Date :

30 June 2014

**Schedule to Certificate of Conformity**  
**SGS CRL/1/B/2013/RST/EN/0038**

<b>Applicant :</b>	HST OTOMOTIV Imalat Sanayi ve Ticaret AS.						
<b>Product :</b>	600kN, 105mm stroke Elastomeric Buffer, Cat. A, 450mm head.						
<b>Assessment :</b>	Verification of design compliance with the requirements of the standards listed.						
<b>Description of the Product :</b>	Elastomeric Buffer, 600kN load, 105mm stroke, Category A, nominal 450mm head.						
<b>List of Applicable Standards :</b>	EN 15551:2009 + A1:2010 Railway applications - Railway rolling stock - Buffers.						
<b>List of Documents Assessed :</b>	HD-E-00 Revision B, 09 Dec 2013, Buffer Assembly 600kN 105mm stroke Category A, General Arrangement Drawing and other referenced component drawings, Report MIN.SPRBU/OR43/12, EN 15551:2009 compliance report of 35kJ buffer springs, TUV SUD 717508379 Issue B 13 June 2014, Test report - Approval Tests on Elastomeric Buffers, Category A (drawing no 749).						
<b>List of Assessment Documents :</b>	Y407A/DR/30244 Review Spreadsheet, EN 15551. W650A Audit Checklists and Improvement Reports W650/1 to 3, closed out.						
<b>Applicable Restrictions :</b>	This certificate is valid only for elastomeric buffers with a stroke of 105mm, Category A with a nominal 450 mm wide head as defined EN 15551:2009 + A1:2010.  This certificate remains valid provided that the manufacturing process as assessed remains the same; any changes to the process are to be assessed by SGS CRL to determine validity.						
<b>Issue History :</b>	<table border="0"> <tr> <td>01 – 20<sup>th</sup> December 2013</td> <td>First Issue.</td> </tr> <tr> <td>02 – 16<sup>th</sup> May 2014</td> <td>List of Documents Assessed amended to show updated drawings assessed; no change to other evidence. No change to design or level of compliance. Additional restriction regarding manufacture.</td> </tr> <tr> <td>03 – 30<sup>th</sup> June 2014</td> <td>Issue level of test report TUV SUD 717508379 was Issue A 18 Dec 2013 is now issue B 13 June 2014 and includes life cycle test.</td> </tr> </table>	01 – 20 <sup>th</sup> December 2013	First Issue.	02 – 16 <sup>th</sup> May 2014	List of Documents Assessed amended to show updated drawings assessed; no change to other evidence. No change to design or level of compliance. Additional restriction regarding manufacture.	03 – 30 <sup>th</sup> June 2014	Issue level of test report TUV SUD 717508379 was Issue A 18 Dec 2013 is now issue B 13 June 2014 and includes life cycle test.
01 – 20 <sup>th</sup> December 2013	First Issue.						
02 – 16 <sup>th</sup> May 2014	List of Documents Assessed amended to show updated drawings assessed; no change to other evidence. No change to design or level of compliance. Additional restriction regarding manufacture.						
03 – 30 <sup>th</sup> June 2014	Issue level of test report TUV SUD 717508379 was Issue A 18 Dec 2013 is now issue B 13 June 2014 and includes life cycle test.						

Issued on behalf of SGS CORREL Rail Ltd : \_\_\_\_\_  
Competent Body



(C H Llewellyn – Authorised Signatory)

Date :

