



## Certificate of Conformity

**Certificate Number: SGS CRL/1/B/2014/RST/EN/0043**

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

**1.5MN Drawgear Assembly Type 540**

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 UK Ltd (formerly 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 15566:2009 + A1:2010.  
**Specimen:** 1.5MN Drawgear Assembly Type 540.  
**Reason for Issue:** Updated part drawings.  
**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:** 1<sup>st</sup> March 2016.

Issued on behalf of SGS UK Ltd :  
Competent Body

(C H Llewellyn – Authorised Signatory)

Date :

01 March 2016



## Schedule to Certificate of Conformity

**SGS/1/B/2014/RST/EN/0043**

<b>Applicant :</b>	HST OTOMOTIV Imalat Sanayi ve Ticaret AS.
<b>Product :</b>	1.5MN Drawgear Assembly for Type 540 Drawgear.
<b>Assessment :</b>	Verification of design compliance with the requirements of the standards listed.
<b>Description of the Product :</b>	Drawgear Assembly, comprising an assembly of drawbar, joint pin, and elastic device and support plate for the Type 540 1.5MN drawgear.
<b>List of Applicable Standards :</b>	EN 15566:2009 + A1:2010 Railway applications - Railway rolling stock - Draw gear and screw coupling.
<b>List of Documents Assessed :</b>	Drawing HD-A-00 Revision C, 11 February 2016, Drawgear General Arrangement Drawing Type 540 1.5MN and other referenced component drawings, Report MIN.SPRIN1/OR44/11, EN 15566:2009 compliance report of ST-9-2/160 Traction Springs, Form no:13-F-195, Visual Control Plan (Control Plan 8), 05 May 2014, Form no:10-F-078/1, Heat treatment control plan , 14-T-135, 14-T-066 and 14-F-029, Form no:13-F-190, Raw material entry control plan , 14-F-034, Form no:13-F-091, Draw gear and buffer quality control plan and instruction no 07-T-031, VUZ Test Report POZ 139/2013, 27 December 2013, Draw and Buffer Gear Test Report.
<b>List of Assessment Documents :</b>	Y407A/REVIEW/30245 Review Spreadsheet, EN 15566, 24 Apr 2014. W650A Audit Checklists, Improvement Reports W650/1 to 3, closed out. Enquiry from HST – Z008A/ENQUIR/35758/JSR, and HST Drawings HD-A-01 and HD-A-01-C marked up.
<b>Applicable Restrictions :</b>	This certificate is valid only for the 1.5MN drawgear assemblies Type 540, comprising the following components: drawbar, joint pin, elastic device and support plate as defined EN 15566:2009 + 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 UK Ltd to determine validity.
<b>Issue History :</b>	01 – 16 <sup>th</sup> May 2014                      First Issue. 02 – 30 <sup>th</sup> June 2014                      VUZ Test Report Number Corrected 03 – 1 <sup>st</sup> March 2016                      HD-A-00 drawing updated, due to revision of part drawings HD-A-01 and the associated casting drawing HD-A-01-C. Also SGS CRL now part of SGS UK Ltd

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Competent Body

(C H Llewellyn – Authorised Signatory)

Date :

01 March 2016

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Schedule to Product Conformity Issue 1