

# Certificate

## Certification number SP AF 001

This is to certify that the flash butt welds produced by the stationiare flash butt welding machine: the Schlatter Type GAAS 80/580, Number AS 1.2653.2716, of

**voestalpine Track Solutions Netherlands B.V**  
**Hilversum, the Netherlands**

has been approved for butt joints in:

**54E1 R260Mn to 54E1 R260Mn**

in accordance with the specification RLN00451-2 d.d. 01-10-2021.  
Details are mentioned in annex 1 and 2.

Original Approval : November 1999  
Current Certificate : November 2022  
Certificate Expiry : November 2025

On behalf of DEKRA Rail

ir. A.J.P. Verweij  
Manager Certification

ing. J.G.M. Jansen  
IWE nr.: 192

# Welding Qualification Approval Record – Certificate

Nummer: SP AF 001  
 Number: Annex 1

**Kenmerk:**  
 Designation: See NSTO/99/8210250/003

**Keuringsinstantie:**  
 Test body: DEKRA Rail bv

**Opdrachtgever:**  
 Employer: voestalpine Track Solutions Netherlands B.V

**Datum van uitgifte:**  
 Date of issue: September 2022

**Adres:**  
 Address: Nieuwe Crailoseweg 8  
 Place: 1222 AB Hilversum the Netherlands

	Details van de proeflas Weld test details	Geldigheidsgebied Range of approval	
<b>Lasproces</b> Welding process			
<b>Spoorstaaf type</b> Rail type	54E1 to 54E1	54E1, 54E5	
<b>Soort verbinding</b> Joint type		Stuiklas Butt weld	
<b>Basismateriaal groep(en)</b> Parent metal group(s)	R260Mn to R260Mn	R260Mn to R260Mn	
<b>Lasmachine fabrikant</b> Welding machine manufacturer	the Schlatter	the Schlatter	
<b>Lasmachine identificatie</b> Welding machine identification			
<b>Machine type</b> Machine type	the Schlatter Type GAAS 80/530	the Schlatter Type GAAS 83/530	
<b>Machine nummer</b> Machine number		Number AS 1.2653.2716	
<b>Lasmachine/Bedieners identificatie</b> Welding machine/Operators identification	Zie rapport: See report	NSTO/99/8210250/003	
<b>Laspositie</b> Welding position	n.v.t. n.a	n.v.t. n.a	
<b>Voorbehandeling</b> Gouging / backing	n.v.t. n.a	n.v.t. n.a	
<b>Aard van de beproeving</b> Type of testing	Acceptatie criteria Acceptation criteria	Acceptabel / niet vereist Acceptable / not required	<b>Opmerkingen</b> Remarks Upper side of the foot grinded
<b>Visueel</b> Visual		Acceptabel Acceptable	
<b>Geometrie</b> Geometrically		Acceptabel Acceptable	
<b>Magnetisch onderzoek</b> Magnetic particle inspection		Acceptabel Acceptable	
<b>Penetrant</b> Dye penetrant		Acceptabel Acceptable	
<b>Buig/breuktest</b> Bend/Break test		Acceptabel Acceptable	
<b>Vermoeingsproef</b> Fatigue test	Zie rapport: See report: NSTO/99/8210250/003	Acceptabel Acceptable	
<b>Hardheidsmetingen</b> Hardness measurements		Acceptabel Acceptable	
<b>Macro-onderzoek</b> Macro-examination		Acceptabel Acceptable	
<b>Mirco-onderzoek</b> Micro-examination		Acceptabel Acceptable	
<b>Aanvullende beproevingen</b> Additional tests		Niet vereist Not required	

Vakkennis  Job knowledge    Acceptabel  Acceptable    Niet beoordeeld  Not tested

**Aparte bladen toegevoegd indien vereist**  
 Append separate sheet(s) if required

**Aanvullende informatie beschikbaar op**  
 Additional information is available on

JA / Yes  
 NEE / No

Zie rapport:  
 See report, NSTO/99/8210250/003, d.d. October 1999

**Kwalificatie geldig tot:**  
 Validity of approval until: November 2025

**Datum:**  
 Date: 29-10-2022

**Handtekening:**  
 Signature:


ing. J.G.M. Jansen IWE nr.: 192

Verlenging  
Prolongation

Nummer

Number **SP AF 001** annex 2

Verlenging door beoordelaar met 3 jaar  
Authorized prolongation for the following 3 years

Herkwalificatie rapportnummer Re-qualification report number	Datum Date	Handtekening Signature	Herkwalificatie rapportnummer Re-qualification report number	Datum Date	Handtekening Signature
		Functie of titel Position or title			Functie of titel Position or title
AEAT/04/3600198/00x	April 2004		DR/15/150004.005/005 DR/15/150004.005/008	17 August 2015 20 Oktober 2015	
AEAT/06/50410/013	March 2006		DR/17/170078.005/003 DR/17/170078.005/004	6 November 2017 21 December 2017	
DeltaRail/07/50459/008	October 2007		DR/19/190008.005/005 DR/19/190008.005/007	22 juli 2019 15 augustus 2019	
DeltaRail/10/10234.003/001 DeltaRail/10/10234.003/006	March 2010 April 2010		DR/22/220288.002 DR/22/220288.003	24 Aug 2022 28 Sept 2022	
DeltaRail/11/110165.011/001 DeltaRail/11/110165.011/002	September 2011 Oktober 2011				
Plurel/13/130013.008/001 Plurel/13/130013.008/002	20 november 2013 02 december 2013				