

Werks-Nr. Works-No. No de l'usine	A08 5131120	Zeugnis-Nr. Certificate-No. No de certificat	A03 4244223001	Sendungs-Nr. Shipment-No. No de envoi		Seite-Nr. Page-No. Page-No.	1																																																				
thyssenkrupp Steel Europe AG · 47161 Duisburg A01				BESCHEINIGUNG ÜBER MATERIALPRÜFUNGEN DOCUMENT ON MATERIAL TESTS DOCUMENT DE CONTROL DES MATERIAUX EN 10204 EN 10204 EN 10204																																																							
A06				A02 INSPECTION CERTIFICATE 3.1																																																							
Bestell-Nr. WAE 3178 Order-No. No de commande AQ 1191.6 A07.1-A07.5				 02.07.2021  abnahme_zeugnisse.stahl@thyssenkrupp.com																																																							
Werkstoff ; Quality ; Matériau / Lieferbedingungen ; Specification ; Conditions de livraison B02/B03 S275JR+AR / DIN EN 10025-2 - 10.2019																																																											
Kennzeichnung: MATERIAL, HEAT-NO., MANUFACTURING/SAMPLE-NO. Marking: Marque: B06						Zeichen des Lieferwerkes: Supplier's mark: Marque d'usine: TKS A04																																																					
B01 TYPE OF PRODUCT / SURFACE STRIP; HOT-ROLLED STRIP; MILL EDGE; UNPICKLED; UNOILED B09 x B10 x B11 DIMENSIONS 001 3,0 x 2000,0 [mm] B08 NUMBER PIECES * 1 ** 1 B13 WEIGHT NET kg 15.420 15.420 B13 WEIGHT GROSS kg 15.425 15.425 LIST OF MATERIAL IDENTIS <table border="1"> <thead> <tr> <th>ITEM</th> <th>TKS-ID</th> <th>B07 BUNDLE</th> <th>B04 C00 CD SAMPLE NO.</th> <th>B07 HEAT NO.</th> <th>B08 NUMBER PIECES</th> <th>B13 WEIGHT NET</th> <th>B13 WEIGHT GROSS</th> </tr> </thead> <tbody> <tr> <td>001</td> <td>37191240</td> <td>N360730</td> <td>AR 2556301</td> <td>654806</td> <td>1</td> <td>15.420</td> <td>15.425</td> </tr> </tbody> </table> CHEMICAL COMPOSITION OF THE HEAT IN % C71-C99 <table border="1"> <thead> <tr> <th>B07 HEAT NO.</th> <th>C</th> <th>SI</th> <th>MN</th> <th>P</th> <th>S</th> <th>AL</th> <th>CR</th> <th>CU</th> <th>MO</th> <th>N</th> <th>NI</th> </tr> </thead> <tbody> <tr> <td>654806</td> <td>0,136</td> <td>0,040</td> <td>0,710</td> <td>0,016</td> <td>0,0017</td> <td>0,024</td> <td>0,103</td> <td>0,060</td> <td>0,024</td> <td>0,0045</td> <td>0,062</td> </tr> <tr> <td>654806</td> <td>V</td> <td>CE1</td> <td>0,002</td> <td>0,29</td> <td colspan="7"></td> </tr> </tbody> </table> CE1 = C+MN/6+ (CR+MO+V) / 5+ (NI+CU) / 15 C70 HEAT PROCESS OXYGEN STEEL								ITEM	TKS-ID	B07 BUNDLE	B04 C00 CD SAMPLE NO.	B07 HEAT NO.	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS	001	37191240	N360730	AR 2556301	654806	1	15.420	15.425	B07 HEAT NO.	C	SI	MN	P	S	AL	CR	CU	MO	N	NI	654806	0,136	0,040	0,710	0,016	0,0017	0,024	0,103	0,060	0,024	0,0045	0,062	654806	V	CE1	0,002	0,29							
ITEM	TKS-ID	B07 BUNDLE	B04 C00 CD SAMPLE NO.	B07 HEAT NO.	B08 NUMBER PIECES	B13 WEIGHT NET	B13 WEIGHT GROSS																																																				
001	37191240	N360730	AR 2556301	654806	1	15.420	15.425																																																				
B07 HEAT NO.	C	SI	MN	P	S	AL	CR	CU	MO	N	NI																																																
654806	0,136	0,040	0,710	0,016	0,0017	0,024	0,103	0,060	0,024	0,0045	0,062																																																
654806	V	CE1	0,002	0,29																																																							



RIF DDT ADQ 01/0/215951 - 08.11.2021

T E N S I L E T E S T

<i>B07</i> HEAT- NO.	<i>C00</i> SAMPLE NO.	<i>C01/02</i> POSIT	<i>B05</i> STAT.	<i>C10</i> TYPE	<i>C03</i> TEST- TEMP. °C	<i>C11</i> R MPa	R Art	<i>C12</i> Rm MPa	R/ Rm %	Lo mm	<i>C13</i> A %
654806	2556301	0190	0000	0001	+20	358	REH	457	78	45	41

L E G E N D S

STAT.	TYPE TENSILE TEST
0000 = CONDITION OF DELIVERY	0001 = FLAT TENSILE TEST (DIN EN ISO)
POSIT LENGTH	POSIT
01 = TOP	90 = TRANSVERSE
CONDITION OF DELIVERY	
AR = AS ROLLED	

Z04



0769

thyssenkrupp Steel Europe AG, 47161 Duisburg

05

0769-CPR-VAS-00691-2

EN 10025-1

Hot rolled structural steel products.
Intended uses: Welded, bolted and riveted structures

Tolerances on dimensions and shape:
Hot strip EN 10051
Elongation
Tensile strength
Yield strength
Impact strength
Weldability
Durability
Regulated substance: No performance determined

EN 10025-2
S275JR / 1.0044 *)

*) DoP for Steel EN 10025-2 / S275JR / 1.0044 *) see Document No.
WB-0011-10051-S275JR-TKSE-19112019 on TKSE-Homepage
<http://www.thyssenkrupp-steel-europe.com/de/publikationen/produktinformationen/bauproduktenverordnung.jsp>

Z02

ABNAHMEBEAUFTRAGTER DES HERSTELLERS
THE MANUFACTURER'S AUTHORIZED INSPECTION REPRESENTATIVE
LE REPRÉSENTANT AUTORISÉ DU CONTRÔLEUR DU PRODUCTEUR



Z03 Dr.-Ing. Delhaes (Leiter Abnahme)



Z03 Schmidt (Fachkoordinator Abnahme)



thyssenkrupp

Feuillard à chaud S275JR / 1.0044

Declaration of Performance (DoP)
according regulation (EU) No. 305/2011
and delegated regulation (EU) No. 574/2014

WB-0011-10051-S275JR-TKSE-19112019

1. Unique identification code of the product-type:

Plate from strip S275JR / 1.0044

2. Intended use/es:

Welded, bolted and riveted structures

3. Manufacturer:

thyssenkrupp Steel Europe AG
Kaiser-Wilhelm-Straße 100
47166 Duisburg, Germany
T: +49 (0) 203 52-0
F: +49 (0) 203 52-25102
www.thyssenkrupp-steel.com

4. Authorized representative:

- not assigned -

5. System/s of AVCP:

System 2+

6. Harmonized standard:

EN 10025-1:2004

Notified body/ies:

Identification number 0769



thyssenkrupp

Feuillard à chaud S275JR / 1.0044

7. Declared performance/s:

Essential characteristic	Performance		
Tolerances on dimensions and shape	Limit deviation according		
	EN 10051 for nominal thickness	Limit values kept	
	EN 10051 for nominal width	Limit values kept	
Yield strength	For nominal thickness (mm)	Value	
		min (MPa)	max (MPa)
	≤ 16	275	NPD
	> 16 ≤ 25,4	265	
Tensile strength	For nominal thickness (mm)	Value	
		min (MPa)	max (MPa)
	≤ 25,4	410	560
Elongation	For nominal thickness (mm)	Value	
		min (%)	max (%)
	≤ 25,4	21	NPD
Impact strength	For nominal thickness (mm)	Value	
		min (J)	max (J)
	≤ 25,4	27 (at 20 °C)	NPD
Weldability (CEV)	For nominal thickness (mm)	Value	
		min (%)	max (%)
	≤ 25,4	NPD	0,40
Durability	For nominal thickness (mm)	Value (heat analysis)	
		min (mass.-%)	max (mass.-%)
	≤ 25,4	NPD	C: 0,21 Cu: 0,55 Mn: 1,50 Ni: 0,42 P: 0,035 Cr: 0,29 S: 0,035 Mo: 0,11 N: 0,012

8. Appropriate Technical Documentation and/or Specific Technical Documentation:

– not applicable –

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Name: Dr. Delhaes

Function: Head of Acceptance

Duisburg 19.11.2019

(place and date of issue)

(signature)