



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Page 1 of 38
Date of creation: (Z02) 08.06.2022
Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131 Your order No.: (A07) P097977 Order registration date: 01.04.2022 Date of dispatch: 08.06.2022 B

Material requirements and customer information

Product: (A03) Plate **Steel standard and grade:** (B02) EN10025-2:2019 S355K2 **Surface tolerance:** EN 10163-2 B3

Delivery condition: (B04) Normalized rolled (+N) **Length tolerance:** EN 10029 Table 3

Customer name and address (A06) **Certificate address**
 4102 4102001
 BE Group Oy AB certificates@begroup.fi;
 BOX 54 Finland
 15101 LAHTI
 Finland
Thickness tolerance: EN 10029 Class A
Flatness tolerance: EN 10029 Table 4 Class N

CERTIFICATES@BEGROUP.FI

Supplementary information: (C04)
 Fully Killed and Fine Grain

Visual examination and dimensional checking: Satisfactory. The results of tests performed are in compliance with the requirements. (Z01)

Details of supplied materials dimensions, weights and pieces

Heat/Slab (B07)	Plate No. (B06)	Item	Thickness mm (B09)	Width mm (B10)	Length mm (B11)	Pieces (B08)	Gross kg (B12)	Hard stamp	Stamp location	Customer remark (B89)
61547E2	2520S	3	16.0	2000	6000	2	3 014	S355K2+N	Head	P097977
61547D5	2798S	3	16.0	2000	6000	3	4 521	S355K2+N	Head	P097977
61547D4	2801S	3	16.0	2000	6000	4	6 028	S355K2+N	Head	P097977
61547C4	2889S	3	16.0	2000	6000	4	6 028	S355K2+N	Head	P097977
61547C3	2890S	3	16.0	2000	6000	4	6 028	S355K2+N	Head	P097977
61547C2	2893S	3	16.0	2000	6000	4	6 028	S355K2+N	Head	P097977
61547A3	2937S	3	16.0	2000	6000	4	6 028	S355K2+N	Head	P097977
61547A2	2938S	3	16.0	2000	6000	3	4 521	S355K2+N	Head	P097977
61496A2	3073S	3	16.0	2000	6000	4	6 028	S355K2+N	Head	P097977
61497B4	3263S	3	16.0	2000	6000	3	4 521	S355K2+N	Head	P097977



(A01)



(A04)

Inspection representative NLMK DanSteel A/S (A05)

Zilbrandt Greisen

Z. Swish



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Details of supplied materials dimensions, weights and pieces

Heat/Slab (B07)	Plate No. (B06)	Item	Thickness mm (B09)	Width mm (B10)	Length mm (B11)	Pieces (B08)	Gross kg (B12)	Hard stamp	Stamp location	Customer remark (B99)
61498E6	3268S	3	16.0	2000	6000	4	6 028	S355K2+N	Head	P097977
61543F4	2545S	7	15.0	2000	6000	4	5 652	S355K2+N	Head	P097977
61543F3	2549S	7	15.0	2000	6000	4	5 652	S355K2+N	Head	P097977
61547D3	2802S	7	15.0	2000	6000	2	2 826	S355K2+N	Head	P097977
61543E4	2868S	7	15.0	2000	6000	4	5 652	S355K2+N	Head	P097977
61543E3	2871S	7	15.0	2000	6000	4	5 652	S355K2+N	Head	P097977
61547C5	2886S	7	15.0	2000	6000	3	4 239	S355K2+N	Head	P097977
61547A5	2933S	7	15.0	2000	6000	4	5 652	S355K2+N	Head	P097977
61547A4	2934S	7	15.0	2000	6000	2	2 826	S355K2+N	Head	P097977
61543I4	2942S	7	15.0	2000	6000	4	5 652	S355K2+N	Head	P097977
61543I3	2967S	7	15.0	2000	6000	2	2 826	S355K2+N	Head	P097977
61497A2	3253S	7	15.0	2000	6000	3	4 239	S355K2+N	Head	P097977
61585C1	3944S	7	15.0	2000	6000	3	4 239	S355K2+N	Head	P097977
61543I5	2965S	9	12.0	2000	6000	2	2 260	S355K2+N	Head	P097977
61515I6	3236S	9	12.0	2000	6000	4	4 520	S355K2+N	Head	P097977
61515I3	3242S	9	12.0	2000	6000	4	4 520	S355K2+N	Head	P097977
61515I2	3244S	9	12.0	2000	6000	4	4 520	S355K2+N	Head	P097977
61515B6	3248S	9	12.0	2000	6000	2	2 260	S355K2+N	Head	P097977
61489C1	3456S	9	12.0	2000	6000	4	4 520	S355K2+N	Head	P097977
61489I3	3482S	9	12.0	2000	6000	2	2 260	S355K2+N	Head	P097977
61489I1	3486S	9	12.0	2000	6000	2	2 260	S355K2+N	Head	P097977
61543H2	2764S	11	20.0	2000	6000	1	1 884	S355K2+N	Head	P097977
61498H5	2251S	12	25.0	2000	6000	1	2 355	S355K2+N	Head	P097977
61431G1	2746S	12	25.0	2000	6000	3	7 065	S355K2+N	Head	P097977
61432B1	2776S	12	25.0	2000	6000	3	7 065	S355K2+N	Head	P097977
61432C1	2790S	12	25.0	2000	6000	3	7 065	S355K2+N	Head	P097977
61543A2	2972S	12	25.0	2000	6000	2	4 710	S355K2+N	Head	P097977



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zilbrandt Greisen

Z. Swishin



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Details of supplied materials dimensions, weights and pieces

Heat/Slab (B07)	Plate No. (B06)	Item	Thickness mm (B09)	Width mm (B10)	Length mm (B11)	Pieces (B08)	Gross kg (B12)	Hard stamp	Stamp location	Customer remark (B99)
61497B6	3252S	12	25.0	2000	6000	2	4 710	S355K2+N	Head	P097977
61367F1	7555R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61365A3	7556R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61354H2	7560R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61365C3	7582R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61372C3	7585R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61370B1	7590R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61370J1	7656R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61365F3	7660R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61349G1	7698R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61349B2	7752R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61353G1	7756R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61354G1	7792R	12	25.0	2000	6000	4	9 420	S355K2+N	Head	P097977
61432C2	2785S	14	30.0	2000	6000	1	2 826	S355K2+N	Head	P097977
61436C3	2826S	14	30.0	2000	6000	2	5 652	S355K2+N	Head	P097977
61498F1	3228S	14	30.0	2000	6000	2	5 652	S355K2+N	Head	P097977
61367F2	7554R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61365A1	7558R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61354H1	7561R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61365C2	7583R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61372C2	7586R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61370B3	7588R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61369A2	7652R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61370J3	7654R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61365G2	7658R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61365F2	7661R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61354I2	7694R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zilbrandt Greisen

Z. Swish



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Details of supplied materials dimensions, weights and pieces

Heat/Slab (B07)	Plate No. (B06)	Item	Thickness mm (B09)	Width mm (B10)	Length mm (B11)	Pieces (B08)	Gross kg (B12)	Hard stamp	Stamp location	Customer remark (B99)
61366D2	7700R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61354A2	7788R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61354G2	7791R	14	30.0	2000	6000	1	2 826	S355K2+N	Head	P097977
61366I2	7794R	14	30.0	2000	6000	4	11 304	S355K2+N	Head	P097977
61372A3	7796R	14	30.0	2000	6000	2	5 652	S355K2+N	Head	P097977
61497C3	1904S	17	12.0	2450	12000	1	2 769	S355K2+N	Head	P097977
61496C4	2711S	17	12.0	2450	12000	1	2 769	S355K2+N	Head	P097977
61489F4	3365S	17	12.0	2450	12000	1	2 769	S355K2+N	Head	P097977
61489H1	3423S	17	12.0	2450	12000	1	2 769	S355K2+N	Head	P097977
61489C2	3454S	17	12.0	2450	12000	1	2 769	S355K2+N	Head	P097977
61515F2	3649S	17	12.0	2450	12000	1	2 769	S355K2+N	Head	P097977
61438D4	2641S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61431G3	2745S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61432B2	2750S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61431G2	2775S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61432B3	2780S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61433I2	2791S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61433H2	2805S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61433I1	2810S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61433I3	2811S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61436D3	2836S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
61543A1	3335S	18	30.0	2450	12000	1	6 924	S355K2+N	Head	P097977
60874F5	4925R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60873D6	4934R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60873D5	4943R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60873D4	4953R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60873B6	5350R	19	10.0	2450	12000	1	2 308	S355K2+N	Head	P097977



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zilbrandt Greisen

Z. Swishin



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Details of supplied materials dimensions, weights and pieces

Heat/Slab (B07)	Plate No. (B06)	Item	Thickness mm (B09)	Width mm (B10)	Length mm (B11)	Pieces (B08)	Gross kg (B12)	Hard stamp	Stamp location	Customer remark (B99)
60686H5	5419R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60464E6	5553R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60464E5	5555R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60464E4	5557R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60465D6	5720R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60465D3	5726R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60874E6	5871R	19	10.0	2450	12000	2	4 616	S355K2+N	Head	P097977
60874E4	5875R	19	10.0	2450	12000	1	2 308	S355K2+N	Head	P097977
61433J3	2636S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61433J4	2640S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61431G4	2751S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61432B4	2781S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61432C4	2786S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61433H4	2806S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61434F1	2825S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61438D1	2830S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61438I4	2840S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61378I4	2907S	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61435E4	8759R	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61435A6	8769R	20	25.0	2450	12000	1	5 770	S355K2+N	Head	P097977
61543F2	2550S	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61543F1	2759S	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61543E2	2872S	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61543E1	2885S	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61496A3	3062S	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61497E1	3067S	22	20.0	2450	12000	1	4 616	S355K2+N	Head	P097977
61497E2	3077S	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zilbrandt Greisen

Z. Swishin



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Details of supplied materials dimensions, weights and pieces

Heat/Slab (B07)	Plate No. (B06)	Item	Thickness mm (B09)	Width mm (B10)	Length mm (B11)	Pieces (B08)	Gross kg (B12)	Hard stamp	Stamp location	Customer remark (B99)
61369A1	7653R	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61365G1	7659R	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61349G3	7696R	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61349I3	7748R	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61366I1	7795R	22	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61372A2	7797R	22	20.0	2450	12000	1	4 616	S355K2+N	Head	P097977
61547E5	2515S	23	16.0	2450	12000	2	7 386	S355K2+N	Head	P097977
61547E1	2544S	24	15.0	2450	12000	2	6 924	S355K2+N	Head	P097977
61547H1	2867S	24	15.0	2450	12000	2	6 924	S355K2+N	Head	P097977
61547C1	2894S	24	15.0	2450	12000	2	6 924	S355K2+N	Head	P097977
61547A1	2941S	24	15.0	2450	12000	2	6 924	S355K2+N	Head	P097977
61543I1	2971S	24	15.0	2450	12000	2	6 924	S355K2+N	Head	P097977
61585H3	3936S	24	15.0	2450	12000	2	6 924	S355K2+N	Head	P097977
61497H3	3222S	25	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61367F3	7553R	25	20.0	2450	12000	1	4 616	S355K2+N	Head	P097977
61372C1	7587R	25	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61369A3	7591R	25	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61370J2	7655R	25	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61366D1	7701R	25	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
61366I3	7793R	25	20.0	2450	12000	2	9 232	S355K2+N	Head	P097977
							333	906 890		



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swish



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Page 7 of 38

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Chemical composition (heat analysis) all results in %

Heat No. (B07)	Set values:														
	C	Mn	Si	P	S	Cr	Cu	Ni	Mo	Al	Nb	V	Ti	N	B
	min.	0.20	1.60	0.25	0.025	0.025	0.400	0.300	0.080	0.100	0.060	0.100	0.050	0.0120	0.0008
	max.		0.15						0.020						
60464	0.16	1.36	0.19	0.009	0.004	0.026	0.044	0.025	0.002	0.037	0.018	0.001	0.001	0.0051	0.0003
60465	0.15	1.41	0.19	0.012	0.004	0.032	0.037	0.021	0.002	0.039	0.018	0.001	0.001	0.0034	0.0002
60686	0.15	1.41	0.20	0.022	0.005	0.046	0.046	0.022	0.003	0.045	0.020	0.001	0.001	0.0029	0.0003
60873	0.16	1.41	0.19	0.009	0.005	0.028	0.041	0.028	0.002	0.043	0.020	0.001	0.001	0.0035	0.0002
60874	0.15	1.39	0.22	0.011	0.005	0.027	0.044	0.020	0.002	0.043	0.020	0.001	0.001	0.0040	0.0003
61349	0.17	1.50	0.22	0.013	0.007	0.028	0.033	0.020	0.004	0.040	0.041	0.001	0.002	0.0039	0.0003
61353	0.17	1.50	0.23	0.014	0.006	0.024	0.033	0.019	0.003	0.040	0.041	0.002	0.002	0.0043	0.0002
61354	0.17	1.48	0.21	0.012	0.007	0.022	0.030	0.015	0.003	0.043	0.041	0.001	0.002	0.0044	0.0004
61365	0.17	1.53	0.23	0.015	0.006	0.043	0.035	0.021	0.003	0.037	0.042	0.001	0.002	0.0030	0.0003
61366	0.16	1.48	0.20	0.013	0.012	0.023	0.020	0.009	0.002	0.039	0.039	0.001	0.001	0.0043	0.0003
61367	0.18	1.49	0.23	0.013	0.008	0.047	0.035	0.021	0.003	0.040	0.040	0.001	0.002	0.0042	0.0003
61369	0.17	1.52	0.22	0.009	0.006	0.050	0.030	0.017	0.006	0.034	0.042	0.001	0.002	0.0036	0.0004
61370	0.17	1.53	0.24	0.024	0.008	0.033	0.029	0.013	0.002	0.031	0.041	0.002	0.002	0.0046	0.0005
61372	0.17	1.49	0.22	0.010	0.003	0.027	0.036	0.017	0.001	0.036	0.040	0.001	0.002	0.0053	0.0003
61378	0.15	1.51	0.21	0.014	0.006	0.019	0.026	0.013	0.001	0.046	0.041	0.001	0.002	0.0041	0.0003
61431	0.15	1.47	0.18	0.011	0.006	0.016	0.019	0.010	0.001	0.036	0.043	0.002	0.002	0.0039	0.0003
61432	0.14	1.45	0.20	0.015	0.003	0.013	0.016	0.008	0.002	0.039	0.045	0.002	0.002	0.0046	0.0003
61433	0.14	1.47	0.18	0.016	0.005	0.011	0.016	0.008	0.002	0.040	0.041	0.002	0.002	0.0053	0.0002
61434	0.15	1.44	0.17	0.014	0.006	0.025	0.029	0.014	0.002	0.043	0.040	0.002	0.002	0.0041	0.0003
61435	0.15	1.45	0.20	0.017	0.003	0.025	0.034	0.014	0.002	0.038	0.042	0.002	0.002	0.0032	0.0003
61436	0.15	1.43	0.18	0.016	0.006	0.022	0.030	0.017	0.003	0.040	0.045	0.001	0.001	0.0041	0.0003
61438	0.14	1.44	0.18	0.013	0.006	0.021	0.033	0.015	0.003	0.038	0.040	0.002	0.002	0.0038	0.0003
61489	0.16	1.38	0.18	0.010	0.004	0.026	0.032	0.014	0.002	0.040	0.019	0.002	0.002	0.0037	0.0002
61496	0.17	1.51	0.19	0.010	0.009	0.035	0.033	0.016	0.002	0.036	0.017	0.001	0.002	0.0041	0.0003
61497	0.17	1.48	0.20	0.014	0.002	0.037	0.043	0.018	0.002	0.041	0.017	0.001	0.002	0.0036	0.0003
61498	0.17	1.48	0.19	0.014	0.005	0.022	0.022	0.011	0.001	0.043	0.017	0.001	0.002	0.0033	0.0002
61515	0.16	1.37	0.18	0.010	0.003	0.027	0.044	0.017	0.002	0.034	0.019	0.001	0.002	0.0037	0.0002



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Svoboda



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Page 8 of 38

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Chemical composition (heat analysis) all results in %

Heat No. (B07)	C	Mn	Si	P	S	Cr	Cu	Ni	Mo	Al	Nb	V	Ti	N	B
Set values:	min.	0.20	1.60	0.25	0.025	0.025	0.400	0.300	0.080	0.100	0.060	0.100	0.050	0.0120	0.0008
	max.	0.18	1.48	0.22	0.014	0.003	0.041	0.018	0.002	0.041	0.043	0.001	0.002	0.0036	0.0003
61543		0.18	1.51	0.23	0.012	0.008	0.040	0.024	0.002	0.039	0.045	0.002	0.002	0.0048	0.0003
61547		0.17	1.47	0.21	0.010	0.011	0.045	0.019	0.001	0.040	0.040	0.003	0.002	0.0045	0.0003
61585										0.020					

Heat No. (B07)

CEV

Remark (C70)

Set values: min. max. 0.45

60464	0.40															1 3 4 6
60465	0.40															1 3 4 6
60686	0.40															1 3 4 6
60873	0.40															1 3 4 6
60874	0.40															1 3 4 6
61349	0.43															1 3 4 6
61353	0.43															1 3 4 6
61354	0.42															1 3 4 6
61365	0.43															1 3 4 6
61366	0.42															1 3 4 6
61367	0.44															1 3 4 6
61369	0.43															1 3 4 6
61370	0.43															1 3 4 6
61372	0.43															1 3 4 6
61378	0.41															1 3 4 6
61431	0.40															1 3 4 6
61432	0.39															1 3 4 6
61433	0.39															1 3 4 6
61434	0.39															1 3 4 6
61435	0.40															1 3 4 6



DanSteel
Havnvejsvej 33
DK - 3300 Fredrikssøværk

(A01)



(A04)

Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Svendsen



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022

Chemical composition (heat analysis) all results in %

Heat No. (B07)	CEV	min.	max.	Remark (C70)
61436	0.40		0.45	1 3 4 6
61438	0.39			1 3 4 6
61489	0.40			1 3 4 6
61496	0.43			1 3 4 6
61497	0.42			1 3 4 6
61498	0.43			1 3 4 6
61515	0.40			1 3 4 6
61543	0.44			1 3 4 6
61547	0.44			1 3 4 6
61585	0.42			1 3 4 6

Supplementary information (C99)

CEV = C + Mn/6 + (Cr + Mo + V)/5 + (Ni + Cu)/15

1 = Basic Oxygen Steel, 2 = Electric Arc Furnace, 3 = Ladle Refined, 4 = Calcium Treated, 5 = Vacuum Degassed, 6 = Continuous Cast, 7 = Ingot



DanSteel

Havnvej 33

DK - 3300 Fredrikssøværk

(A01)



(A04)

Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Svendsen



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61497C3	1904S-1-1	12.0	R	H	T	405	REH	556	A5	33	0.73
61498H5	2251S-1-2	25.0	R	H	T	391	REH	546	A5	28	0.72
61547E5	2515S-1-1	16.0	R	H	T	459	REH	582	A5	26	0.79
61547E5	2515S-2-1	16.0	R	H	T	459	REH	582	A5	26	0.79
61547E2	2520S-1-2	16.0	R	H	T	444	REH	569	A5	27	0.78
61547E2	2520S-1-3	16.0	R	H	T	444	REH	569	A5	27	0.78
61547E1	2544S-1-1	15.0	R	H	T	444	REH	569	A5	27	0.78
61547E1	2544S-2-1	15.0	R	H	T	444	REH	569	A5	27	0.78
61543F4	2545S-1-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543F4	2545S-1-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543F4	2545S-2-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543F4	2545S-2-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543F3	2549S-1-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543F3	2549S-1-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543F3	2549S-2-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543F3	2549S-2-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543F2	2550S-1-1	20.0	R	H	T	438	REH	563	A5	28	0.78
61543F2	2550S-2-1	20.0	R	H	T	438	REH	563	A5	28	0.78
61433J3	2636S-1-1	25.0	R	H	T	415	R02	541	A5	28	0.77
61433J4	2640S-1-1	25.0	R	H	T	415	R02	541	A5	28	0.77
61438D4	2641S-1-1	30.0	R	H	T	415	REH	529	A5	25	0.78
61496C4	2711S-1-1	12.0	R	H	T	395	REH	527	A5	32	0.75
61431G3	2745S-1-1	30.0	R	H	T	411	REH	532	A5	26	0.77
61431G1	2746S-1-1	25.0	R	H	T	411	REH	532	A5	26	0.77
61431G1	2746S-1-2	25.0	R	H	T	411	REH	532	A5	26	0.77



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swain



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61431G1	2746S-1-3	25.0	R	H	T	411	REH	532	A5	26	0.77
61432B2	2750S-1-1	30.0	R	H	T	418	R02	540	A5	24	0.77
61431G4	2751S-1-1	25.0	R	H	T	411	REH	532	A5	26	0.77
61543F1	2759S-1-1	20.0	R	H	T	438	REH	563	A5	28	0.78
61543F1	2759S-2-1	20.0	R	H	T	438	REH	563	A5	28	0.78
61543H2	2764S-1-2	20.0	R	H	T	438	REH	563	A5	28	0.78
61431G2	2775S-1-1	30.0	R	H	T	411	REH	532	A5	26	0.77
61432B1	2776S-1-1	25.0	R	H	T	418	R02	540	A5	24	0.77
61432B1	2776S-1-2	25.0	R	H	T	418	R02	540	A5	24	0.77
61432B1	2776S-1-3	25.0	R	H	T	418	R02	540	A5	24	0.77
61432B3	2780S-1-1	30.0	R	H	T	418	R02	540	A5	24	0.77
61432B4	2781S-1-1	25.0	R	H	T	418	R02	540	A5	24	0.77
61432C2	2785S-1-1	30.0	R	H	T	418	R02	540	A5	24	0.77
61432C4	2786S-1-1	25.0	R	H	T	418	R02	540	A5	24	0.77
61432C1	2790S-1-1	25.0	R	H	T	418	R02	540	A5	24	0.77
61432C1	2790S-1-2	25.0	R	H	T	418	R02	540	A5	24	0.77
61432C1	2790S-1-3	25.0	R	H	T	418	R02	540	A5	24	0.77
61433I2	2791S-1-1	30.0	R	H	T	415	R02	541	A5	28	0.77
61547D5	2798S-1-1	16.0	R	H	T	444	REH	569	A5	27	0.78
61547D5	2798S-1-2	16.0	R	H	T	444	REH	569	A5	27	0.78
61547D5	2798S-1-3	16.0	R	H	T	444	REH	569	A5	27	0.78
61547D4	2801S-1-1	16.0	R	H	T	444	REH	569	A5	27	0.78
61547D4	2801S-1-2	16.0	R	H	T	444	REH	569	A5	27	0.78
61547D4	2801S-2-1	16.0	R	H	T	444	REH	569	A5	27	0.78
61547D4	2801S-2-2	16.0	R	H	T	444	REH	569	A5	27	0.78



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swish



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61547D3	2802S-1-1	15.0	R	H	T	444	REH	569	A5	27	0.78
61547D3	2802S-1-2	15.0	R	H	T	444	REH	569	A5	27	0.78
61433H2	2805S-1-1	30.0	R	H	T	415	R02	541	A5	28	0.77
61433H4	2806S-1-1	25.0	R	H	T	415	R02	541	A5	28	0.77
61433I1	2810S-1-1	30.0	R	H	T	415	R02	541	A5	28	0.77
61433I3	2811S-1-1	30.0	R	H	T	415	R02	541	A5	28	0.77
61434F1	2825S-1-1	25.0	R	H	T	423	R02	542	A5	26	0.78
61436C3	2826S-1-1	30.0	R	H	T	407	R02	534	A5	26	0.76
61436C3	2826S-1-2	30.0	R	H	T	407	R02	534	A5	26	0.76
61438D1	2830S-1-1	25.0	R	H	T	415	REH	529	A5	25	0.78
61436D3	2836S-1-1	30.0	R	H	T	407	R02	534	A5	26	0.76
61438I4	2840S-1-1	25.0	R	H	T	415	REH	529	A5	25	0.78
61547H1	2867S-1-1	15.0	R	H	T	444	REH	569	A5	27	0.78
61547H1	2867S-2-1	15.0	R	H	T	444	REH	569	A5	27	0.78
61543E4	2868S-1-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543E4	2868S-1-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543E4	2868S-2-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543E4	2868S-2-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543E3	2871S-1-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543E3	2871S-1-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543E3	2871S-2-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543E3	2871S-2-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543E2	2872S-1-1	20.0	R	H	T	438	REH	563	A5	28	0.78
61543E2	2872S-2-1	20.0	R	H	T	438	REH	563	A5	28	0.78
61543E1	2885S-1-1	20.0	R	H	T	438	REH	563	A5	28	0.78



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Svoboda



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61543E1	2885S-2-1	20.0	R	H	T	438	REH	563	A5	28	0.78
61547C5	2886S-1-1	15.0	R	H	T	444	REH	569	A5	27	0.78
61547C5	2886S-1-2	15.0	R	H	T	444	REH	569	A5	27	0.78
61547C5	2886S-1-3	15.0	R	H	T	444	REH	569	A5	27	0.78
61547C4	2889S-1-1	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C4	2889S-1-2	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C4	2889S-2-1	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C4	2889S-2-2	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C3	2890S-1-1	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C3	2890S-1-2	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C3	2890S-2-1	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C3	2890S-2-2	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C2	2893S-1-1	16.0	R	H	T	459	REH	582	A5	26	0.79
61547C2	2893S-1-2	16.0	R	H	T	459	REH	582	A5	26	0.79
61547C2	2893S-2-1	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C2	2893S-2-2	16.0	R	H	T	444	REH	569	A5	27	0.78
61547C1	2894S-1-1	15.0	R	H	T	459	REH	582	A5	26	0.79
61547C1	2894S-2-1	15.0	R	H	T	459	REH	582	A5	26	0.79
61378I4	2907S-1-1	25.0	R	H	T	419	R02	553	A5	27	0.76
61547A5	2933S-1-1	15.0	R	H	T	459	REH	582	A5	26	0.79
61547A5	2933S-1-2	15.0	R	H	T	459	REH	582	A5	26	0.79
61547A5	2933S-2-1	15.0	R	H	T	459	REH	582	A5	26	0.79
61547A5	2933S-2-2	15.0	R	H	T	459	REH	582	A5	26	0.79
61547A4	2934S-2-1	15.0	R	H	T	459	REH	582	A5	26	0.79
61547A4	2934S-2-2	15.0	R	H	T	459	REH	582	A5	26	0.79



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swishin



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61547A3	2937S-1-1	16.0	R	H	T	459	REH	582	A5	26	0.79
61547A3	2937S-1-2	16.0	R	H	T	459	REH	582	A5	26	0.79
61547A3	2937S-2-1	16.0	R	H	T	459	REH	582	A5	26	0.79
61547A3	2937S-2-2	16.0	R	H	T	459	REH	582	A5	26	0.79
61547A2	2938S-1-1	16.0	R	H	T	459	REH	582	A5	26	0.79
61547A2	2938S-1-2	16.0	R	H	T	459	REH	582	A5	26	0.79
61547A2	2938S-1-3	16.0	R	H	T	459	REH	582	A5	26	0.79
61547A1	2941S-1-1	15.0	R	H	T	459	REH	582	A5	26	0.79
61547A1	2941S-2-1	15.0	R	H	T	459	REH	582	A5	26	0.79
61543I4	2942S-1-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543I4	2942S-1-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543I4	2942S-2-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543I4	2942S-2-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543I5	2965S-1-1	12.0	R	H	T	458	REH	581	A5	28	0.79
61543I5	2965S-1-2	12.0	R	H	T	458	REH	581	A5	28	0.79
61543I3	2967S-1-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543I3	2967S-1-2	15.0	R	H	T	458	REH	581	A5	28	0.79
61543I1	2971S-1-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543I1	2971S-2-1	15.0	R	H	T	458	REH	581	A5	28	0.79
61543A2	2972S-1-1	25.0	R	H	T	438	REH	563	A5	28	0.78
61543A2	2972S-1-2	25.0	R	H	T	438	REH	563	A5	28	0.78
61496A3	3062S-1-1	20.0	R	H	T	394	R02	554	A5	28	0.71
61496A3	3062S-2-1	20.0	R	H	T	394	R02	554	A5	28	0.71
61497E1	3067S-1-1	20.0	R	H	T	392	R02	539	A5	27	0.73
61496A2	3073S-1-1	16.0	R	H	T	395	REH	527	A5	32	0.75



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swain



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Page 15 of 38

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61496A2	3073S-1-2	16.0	R	H	T	395	REH	527	A5	32	0.75
61496A2	3073S-2-1	16.0	R	H	T	395	REH	527	A5	32	0.75
61496A2	3073S-2-2	16.0	R	H	T	395	REH	527	A5	32	0.75
61497E2	3077S-1-1	20.0	R	H	T	392	R02	539	A5	27	0.73
61497E2	3077S-2-1	20.0	R	H	T	392	R02	539	A5	27	0.73
61497H3	3222S-1-1	20.0	R	H	T	392	R02	539	A5	27	0.73
61497H3	3222S-2-1	20.0	R	H	T	392	R02	539	A5	27	0.73
61498F1	3228S-1-2	30.0	R	H	T	391	REH	546	A5	28	0.72
61498F1	3228S-1-3	30.0	R	H	T	391	REH	546	A5	28	0.72
6151516	3236S-1-1	12.0	R	H	T	414	REH	523	A5	34	0.79
6151516	3236S-1-2	12.0	R	H	T	414	REH	523	A5	34	0.79
6151516	3236S-2-1	12.0	R	H	T	414	REH	523	A5	34	0.79
6151516	3236S-2-2	12.0	R	H	T	414	REH	523	A5	34	0.79
6151513	3242S-1-1	12.0	R	H	T	414	REH	523	A5	34	0.79
6151513	3242S-1-2	12.0	R	H	T	414	REH	523	A5	34	0.79
6151513	3242S-2-1	12.0	R	H	T	414	REH	523	A5	34	0.79
6151513	3242S-2-2	12.0	R	H	T	414	REH	523	A5	34	0.79
6151512	3244S-1-1	12.0	R	H	T	414	REH	523	A5	34	0.79
6151512	3244S-1-2	12.0	R	H	T	414	REH	523	A5	34	0.79
6151512	3244S-2-1	12.0	R	H	T	414	REH	523	A5	34	0.79
6151512	3244S-2-2	12.0	R	H	T	414	REH	523	A5	34	0.79
61515B6	3248S-2-1	12.0	R	H	T	414	REH	523	A5	34	0.79
61515B6	3248S-2-2	12.0	R	H	T	414	REH	523	A5	34	0.79
61497B6	3252S-1-1	25.0	R	H	T	416	REH	552	A5	26	0.75
61497B6	3252S-1-2	25.0	R	H	T	416	REH	552	A5	26	0.75



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Svendsen



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Page 16 of 38

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61497A2	3253S-1-1	15.0	R	H	T	430	REH	554	A5	29	0.78
61497A2	3253S-1-2	15.0	R	H	T	430	REH	554	A5	29	0.78
61497A2	3253S-2-2	15.0	R	H	T	403	REH	546	A5	29	0.74
61497B4	3263S-1-1	16.0	R	H	T	430	REH	554	A5	29	0.78
61497B4	3263S-1-2	16.0	R	H	T	430	REH	554	A5	29	0.78
61497B4	3263S-2-2	16.0	R	H	T	430	REH	554	A5	29	0.78
61498E6	3268S-1-1	16.0	R	H	T	421	REH	565	A5	30	0.75
61498E6	3268S-1-2	16.0	R	H	T	421	REH	565	A5	30	0.75
61498E6	3268S-2-1	16.0	R	H	T	421	REH	565	A5	30	0.75
61498E6	3268S-2-2	16.0	R	H	T	421	REH	565	A5	30	0.75
61543A1	3335S-1-1	30.0	R	H	T	422	REH	567	A5	25	0.74
61489F4	3365S-1-1	12.0	R	H	T	434	REH	539	A5	31	0.81
61489H1	3423S-2-1	12.0	R	H	T	434	REH	539	A5	31	0.81
61489C2	3454S-2-1	12.0	R	H	T	434	REH	539	A5	31	0.81
61489C1	3456S-1-1	12.0	R	H	T	434	REH	539	A5	31	0.81
61489C1	3456S-1-2	12.0	R	H	T	434	REH	539	A5	31	0.81
61489C1	3456S-2-1	12.0	R	H	T	434	REH	539	A5	31	0.81
61489C1	3456S-2-2	12.0	R	H	T	434	REH	539	A5	31	0.81
61489I3	3482S-2-1	12.0	R	H	T	434	REH	539	A5	31	0.81
61489I3	3482S-2-2	12.0	R	H	T	431	REH	530	A5	35	0.81
61489I1	3486S-1-1	12.0	R	H	T	431	REH	530	A5	35	0.81
61489I1	3486S-1-2	12.0	R	H	T	431	REH	530	A5	35	0.81
61515F2	3649S-2-1	12.0	R	H	T	427	REH	528	A5	34	0.81
61585H3	3936S-1-1	15.0	R	H	T	441	REH	565	A5	29	0.78
61585H3	3936S-2-1	15.0	R	H	T	441	REH	565	A5	29	0.78



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swain

Havnvejsvej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61585C1	3944S-1-1	15.0	R	H	T	441	REH	565	A5	29	0.78
61585C1	3944S-1-2	15.0	R	H	T	441	REH	565	A5	29	0.78
61585C1	3944S-2-2	15.0	R	H	T	441	REH	565	A5	29	0.78
60874F5	4925R-1-1	10.0	R	H	T	447	REH	566	A5	31	0.79
60874F5	4925R-2-1	10.0	R	H	T	447	REH	566	A5	31	0.79
60873D6	4934R-1-1	10.0	R	H	T	434	REH	546	A5	35	0.79
60873D6	4934R-2-1	10.0	R	H	T	434	REH	546	A5	35	0.79
60873D5	4943R-1-1	10.0	R	H	T	434	REH	546	A5	35	0.79
60873D5	4943R-2-1	10.0	R	H	T	434	REH	546	A5	35	0.79
60873D4	4953R-1-1	10.0	R	H	T	434	REH	546	A5	35	0.79
60873D4	4953R-2-1	10.0	R	H	T	434	REH	546	A5	35	0.79
60873B6	5350R-1-1	10.0	R	H	T	433	REH	553	A5	26	0.78
60686H5	5419R-1-1	10.0	R	H	T	443	REH	561	A5	30	0.79
60686H5	5419R-2-1	10.0	R	H	T	451	REH	565	A5	30	0.80
60464E6	5553R-1-1	10.0	R	H	T	455	REH	545	A5	33	0.83
60464E6	5553R-2-1	10.0	R	H	T	455	REH	545	A5	33	0.83
60464E5	5555R-1-1	10.0	R	H	T	455	REH	545	A5	33	0.83
60464E5	5555R-2-1	10.0	R	H	T	455	REH	545	A5	33	0.83
60464E4	5557R-1-1	10.0	R	H	T	455	REH	545	A5	33	0.83
60464E4	5557R-2-1	10.0	R	H	T	455	REH	545	A5	33	0.83
60465D6	5720R-1-1	10.0	R	H	T	445	REH	544	A5	32	0.82
60465D6	5720R-2-1	10.0	R	H	T	445	REH	544	A5	32	0.82
60465D3	5726R-1-1	10.0	R	H	T	445	REH	544	A5	32	0.82
60465D3	5726R-2-1	10.0	R	H	T	445	REH	544	A5	32	0.82
60874E6	5871R-1-1	10.0	R	H	T	454	REH	555	A5	26	0.82



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swishin

Havnvejsvej 33 DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
60874E6	5871R-2-1	10.0	R	H	T	454	REH	555	A5	26	0.82
60874E4	5875R-2-1	10.0	R	H	T	454	REH	555	A5	26	0.82
61367F3	7553R-1-1	20.0	R	H	T	407	R02	549	A5	22	0.74
61367F2	7554R-1-1	30.0	R	H	T	407	R02	549	A5	22	0.74
61367F2	7554R-1-2	30.0	R	H	T	407	R02	549	A5	22	0.74
61367F2	7554R-2-1	30.0	R	H	T	407	R02	549	A5	22	0.74
61367F2	7554R-2-2	30.0	R	H	T	407	R02	549	A5	22	0.74
61367F1	7555R-1-1	25.0	R	H	T	407	R02	549	A5	22	0.74
61367F1	7555R-1-2	25.0	R	H	T	407	R02	549	A5	22	0.74
61367F1	7555R-2-1	25.0	R	H	T	407	R02	549	A5	22	0.74
61367F1	7555R-2-2	25.0	R	H	T	407	R02	549	A5	22	0.74
61365A3	7556R-1-1	25.0	R	H	T	416	R02	579	A5	22	0.72
61365A3	7556R-1-2	25.0	R	H	T	416	R02	579	A5	22	0.72
61365A3	7556R-2-1	25.0	R	H	T	416	R02	579	A5	22	0.72
61365A3	7556R-2-2	25.0	R	H	T	416	R02	579	A5	22	0.72
61365A1	7558R-1-1	30.0	R	H	T	427	R02	580	A5	25	0.74
61365A1	7558R-1-2	30.0	R	H	T	427	R02	580	A5	25	0.74
61365A1	7558R-2-1	30.0	R	H	T	427	R02	580	A5	25	0.74
61365A1	7558R-2-2	30.0	R	H	T	427	R02	580	A5	25	0.74
61354H2	7560R-1-1	25.0	R	H	T	418	R02	575	A5	27	0.73
61354H2	7560R-1-2	25.0	R	H	T	418	R02	575	A5	27	0.73
61354H2	7560R-2-1	25.0	R	H	T	418	R02	575	A5	27	0.73
61354H2	7560R-2-2	25.0	R	H	T	418	R02	575	A5	27	0.73
61354H1	7561R-1-1	30.0	R	H	T	432	REH	565	A5	23	0.76
61354H1	7561R-1-2	30.0	R	H	T	432	REH	565	A5	23	0.76



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swish



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61354H1	7561R-2-1	30.0	R	H	T	432	REH	565	A5	23	0.76
61354H1	7561R-2-2	30.0	R	H	T	432	REH	565	A5	23	0.76
61365C3	7582R-1-1	25.0	R	H	T	427	R02	580	A5	25	0.74
61365C3	7582R-1-2	25.0	R	H	T	427	R02	580	A5	25	0.74
61365C3	7582R-2-1	25.0	R	H	T	427	R02	580	A5	25	0.74
61365C3	7582R-2-2	25.0	R	H	T	427	R02	580	A5	25	0.74
61365C2	7583R-1-1	30.0	R	H	T	427	R02	580	A5	25	0.74
61365C2	7583R-1-2	30.0	R	H	T	427	R02	580	A5	25	0.74
61365C2	7583R-2-1	30.0	R	H	T	427	R02	580	A5	25	0.74
61365C2	7583R-2-2	30.0	R	H	T	427	R02	580	A5	25	0.74
61372C3	7585R-1-1	25.0	R	H	T	428	R02	569	A5	25	0.75
61372C3	7585R-1-2	25.0	R	H	T	428	R02	569	A5	25	0.75
61372C3	7585R-2-1	25.0	R	H	T	428	R02	569	A5	25	0.75
61372C3	7585R-2-2	25.0	R	H	T	428	R02	569	A5	25	0.75
61372C2	7586R-1-1	30.0	R	H	T	428	R02	569	A5	25	0.75
61372C2	7586R-1-2	30.0	R	H	T	428	R02	569	A5	25	0.75
61372C2	7586R-2-1	30.0	R	H	T	428	R02	569	A5	25	0.75
61372C2	7586R-2-2	30.0	R	H	T	428	R02	569	A5	25	0.75
61372C1	7587R-1-1	20.0	R	H	T	425	REH	573	A5	27	0.74
61372C1	7587R-2-1	20.0	R	H	T	428	R02	569	A5	25	0.75
61370B3	7588R-1-1	30.0	R	H	T	430	REH	562	A5	26	0.77
61370B3	7588R-1-2	30.0	R	H	T	424	REH	564	A5	24	0.75
61370B3	7588R-2-1	30.0	R	H	T	430	REH	562	A5	26	0.77
61370B3	7588R-2-2	30.0	R	H	T	430	REH	562	A5	26	0.77
61370B1	7590R-1-1	25.0	R	H	T	424	REH	564	A5	24	0.75



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Svendsen

Havnavej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Page 20 of 38

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022

B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61370B1	7590R-1-2	25.0	R	H	T	424	REH	564	A5	24	0.75
61370B1	7590R-2-1	25.0	R	H	T	430	REH	562	A5	26	0.77
61370B1	7590R-2-2	25.0	R	H	T	424	REH	564	A5	24	0.75
61369A3	7591R-1-1	20.0	R	H	T	424	R02	556	A5	22	0.76
61369A3	7591R-2-1	20.0	R	H	T	424	R02	556	A5	22	0.76
61369A2	7652R-1-1	30.0	R	H	T	424	R02	556	A5	22	0.76
61369A2	7652R-1-2	30.0	R	H	T	424	R02	556	A5	22	0.76
61369A2	7652R-2-1	30.0	R	H	T	424	R02	556	A5	22	0.76
61369A2	7652R-2-2	30.0	R	H	T	424	R02	556	A5	22	0.76
61369A1	7653R-1-1	20.0	R	H	T	424	R02	556	A5	22	0.76
61369A1	7653R-2-1	20.0	R	H	T	424	R02	556	A5	22	0.76
61370J3	7654R-1-1	30.0	R	H	T	424	REH	564	A5	24	0.75
61370J3	7654R-1-2	30.0	R	H	T	424	REH	564	A5	24	0.75
61370J3	7654R-2-1	30.0	R	H	T	424	REH	564	A5	24	0.75
61370J3	7654R-2-2	30.0	R	H	T	424	REH	564	A5	24	0.75
61370J2	7655R-1-1	20.0	R	H	T	424	REH	564	A5	24	0.75
61370J2	7655R-2-1	20.0	R	H	T	424	REH	564	A5	24	0.75
61370J1	7656R-1-1	25.0	R	H	T	424	REH	564	A5	24	0.75
61370J1	7656R-1-2	25.0	R	H	T	424	REH	564	A5	24	0.75
61370J1	7656R-2-1	25.0	R	H	T	424	REH	564	A5	24	0.75
61370J1	7656R-2-2	25.0	R	H	T	424	REH	564	A5	24	0.75
61365G2	7658R-1-1	30.0	R	H	T	416	R02	579	A5	22	0.72
61365G2	7658R-1-2	30.0	R	H	T	422	REH	559	A5	25	0.75
61365G2	7658R-2-1	30.0	R	H	T	416	R02	579	A5	22	0.72
61365G2	7658R-2-2	30.0	R	H	T	416	R02	579	A5	22	0.72



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swish



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/lab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61365G1	7659R-1-1	20.0	R	H	T	416	R02	579	A5	22	0.72
61365G1	7659R-2-1	20.0	R	H	T	416	R02	579	A5	22	0.72
61365F3	7660R-1-1	25.0	R	H	T	422	REH	559	A5	25	0.75
61365F3	7660R-1-2	25.0	R	H	T	422	REH	559	A5	25	0.75
61365F3	7660R-2-1	25.0	R	H	T	422	REH	559	A5	25	0.75
61365F3	7660R-2-2	25.0	R	H	T	422	REH	559	A5	25	0.75
61365F2	7661R-1-1	30.0	R	H	T	422	REH	559	A5	25	0.75
61365F2	7661R-1-2	30.0	R	H	T	422	REH	559	A5	25	0.75
61365F2	7661R-2-1	30.0	R	H	T	422	REH	559	A5	25	0.75
61365F2	7661R-2-2	30.0	R	H	T	422	REH	559	A5	25	0.75
61354I2	7694R-1-1	30.0	R	H	T	432	REH	565	A5	23	0.76
61354I2	7694R-1-2	30.0	R	H	T	432	REH	565	A5	23	0.76
61354I2	7694R-2-1	30.0	R	H	T	432	REH	565	A5	23	0.76
61354I2	7694R-2-2	30.0	R	H	T	432	REH	565	A5	23	0.76
61349G3	7696R-1-1	20.0	R	H	T	421	R02	554	A5	26	0.76
61349G3	7696R-2-1	20.0	R	H	T	421	R02	554	A5	26	0.76
61349G1	7698R-1-1	25.0	R	H	T	421	R02	554	A5	26	0.76
61349G1	7698R-1-2	25.0	R	H	T	421	R02	554	A5	26	0.76
61349G1	7698R-2-1	25.0	R	H	T	421	R02	554	A5	26	0.76
61349G1	7698R-2-2	25.0	R	H	T	421	R02	554	A5	26	0.76
61366D2	7700R-1-1	30.0	R	H	T	412	REH	552	A5	25	0.75
61366D2	7700R-1-2	30.0	R	H	T	412	REH	552	A5	25	0.75
61366D2	7700R-2-1	30.0	R	H	T	412	REH	552	A5	25	0.75
61366D2	7700R-2-2	30.0	R	H	T	412	REH	552	A5	25	0.75
61366D1	7701R-1-1	20.0	R	H	T	412	REH	552	A5	25	0.75



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swain



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Page 22 of 38

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
61366D1	7701R-2-1	20.0	R	H	T	412	REH	552	A5	25	0.75
61349I3	7748R-1-1	20.0	R	H	T	421	R02	554	A5	26	0.76
61349I3	7748R-2-1	20.0	R	H	T	421	R02	554	A5	26	0.76
61349B2	7752R-1-1	25.0	R	H	T	442	R02	574	A5	24	0.77
61349B2	7752R-1-2	25.0	R	H	T	442	R02	574	A5	24	0.77
61349B2	7752R-2-1	25.0	R	H	T	442	R02	574	A5	24	0.77
61349B2	7752R-2-2	25.0	R	H	T	442	R02	574	A5	24	0.77
61353G1	7756R-1-1	25.0	R	H	T	435	REH	567	A5	27	0.77
61353G1	7756R-1-2	25.0	R	H	T	435	REH	567	A5	27	0.77
61353G1	7756R-2-1	25.0	R	H	T	435	REH	567	A5	27	0.77
61353G1	7756R-2-2	25.0	R	H	T	435	REH	567	A5	27	0.77
61354A2	7788R-1-1	30.0	R	H	T	418	R02	575	A5	27	0.73
61354A2	7788R-1-2	30.0	R	H	T	418	R02	575	A5	27	0.73
61354A2	7788R-2-1	30.0	R	H	T	418	R02	575	A5	27	0.73
61354A2	7788R-2-2	30.0	R	H	T	418	R02	575	A5	27	0.73
61354G2	7791R-1-2	30.0	R	H	T	418	R02	575	A5	27	0.73
61354G1	7792R-1-1	25.0	R	H	T	418	R02	575	A5	27	0.73
61354G1	7792R-1-2	25.0	R	H	T	418	R02	575	A5	27	0.73
61354G1	7792R-2-1	25.0	R	H	T	418	R02	575	A5	27	0.73
61354G1	7792R-2-2	25.0	R	H	T	418	R02	575	A5	27	0.73
61366I3	7793R-1-1	20.0	R	H	T	423	REH	562	A5	27	0.75
61366I3	7793R-2-1	20.0	R	H	T	423	REH	562	A5	27	0.75
61366I2	7794R-1-1	30.0	R	H	T	423	REH	562	A5	27	0.75
61366I2	7794R-1-2	30.0	R	H	T	423	REH	562	A5	27	0.75
61366I2	7794R-2-1	30.0	R	H	T	423	REH	562	A5	27	0.75



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swish

Havnvejsvej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Page 23 of 38

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Tensile testing

Tensile tests were performed in accordance with EN 10002/ISO 6892-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Thickness mm	Shape (C10)	Loc. (C01)	Dir. (C02)	Yield MPa (C11)	Yield type	UTS Rm MPa (C12)	Elong. type	Elongation % (C13)	Yield/UTS
6136612	7794R-2-2	30.0	R	H	T	423	REH	562	A5	27	0.75
6136611	7795R-1-1	20.0	R	H	T	423	REH	562	A5	27	0.75
6136611	7795R-2-1	20.0	R	H	T	423	REH	562	A5	27	0.75
61372A3	7796R-1-1	30.0	R	H	T	425	REH	573	A5	27	0.74
61372A3	7796R-1-2	30.0	R	H	T	425	REH	573	A5	27	0.74
61372A2	7797R-2-1	20.0	R	H	T	425	REH	573	A5	27	0.74
61435E4	8759R-1-1	25.0	R	H	T	415	R02	540	A5	27	0.77
61435A6	8769R-1-1	25.0	R	H	T	415	R02	540	A5	27	0.77

Supplementary Information (C99)

Loc.: (C01) H = head, T = tail

Dir.: (C02) T = transversal, L = longitudinal

Shape: (C10) Ø = round, R = rectangular

Original gauge length: 200 mm



DanSteel
Havnvej 33
DK - 3300 Fredrikssøværk

(A01)



(A04)

Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Svendsen



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing

Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/lab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J	J	J
61497C3	1904S-1-1	1	CV	10x10	H	L	-20	166	163	155	161	161	161
61498H5	2251S-1-2	1	CV	10x10	H	L	-20	169	178	161	169	169	169
61547E5	2515S-1-1	1	CV	10x10	H	L	-20	142	132	136	137	137	137
61547E5	2515S-2-1	1	CV	10x10	H	L	-20	142	132	136	137	137	137
61547E2	2520S-1-2	1	CV	10x10	H	L	-20	163	162	143	156	156	156
61547E2	2520S-1-3	1	CV	10x10	H	L	-20	163	162	143	156	156	156
61547E1	2544S-1-1	1	CV	10x10	H	L	-20	163	162	143	156	156	156
61547E1	2544S-2-1	1	CV	10x10	H	L	-20	163	162	143	156	156	156
61543F4	2545S-1-1	1	CV	10x10	H	L	-20	214	208	214	212	212	212
61543F4	2545S-1-2	1	CV	10x10	H	L	-20	214	208	214	212	212	212
61543F4	2545S-2-1	1	CV	10x10	H	L	-20	214	208	214	212	212	212
61543F4	2545S-2-2	1	CV	10x10	H	L	-20	214	208	214	212	212	212
61543F3	2549S-1-1	1	CV	10x10	H	L	-20	214	208	214	212	212	212
61543F3	2549S-1-2	1	CV	10x10	H	L	-20	214	208	214	212	212	212
61543F3	2549S-2-1	1	CV	10x10	H	L	-20	214	208	214	212	212	212
61543F3	2549S-2-2	1	CV	10x10	H	L	-20	214	208	214	212	212	212
61543F2	2550S-1-1	1	CV	10x10	H	L	-20	216	215	207	213	213	213
61543F2	2550S-2-1	1	CV	10x10	H	L	-20	216	215	207	213	213	213
61433J3	2636S-1-1	1	CV	10x10	H	L	-20	237	189	229	218	218	218
61433J4	2640S-1-1	1	CV	10x10	H	L	-20	237	189	229	218	218	218
61438D4	2641S-1-1	1	CV	10x10	H	L	-20	178	178	174	177	177	177
61496C4	2711S-1-1	1	CV	10x10	H	L	-20	136	127	130	131	131	131
61431G3	2745S-1-1	1	CV	10x10	H	L	-20	181	177	163	174	174	174
61431G1	2746S-1-1	1	CV	10x10	H	L	-20	181	177	163	174	174	174
61431G1	2746S-1-2	1	CV	10x10	H	L	-20	181	177	163	174	174	174



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swishin

Havnavej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Page 25 of 38
Date of creation: (Z02) 08.06.2022
Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131 Your order No.: (A07) P097977 Order registration date: 01.04.2022 Date of dispatch: 08.06.2022 B

Impact testing Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J	J	J
61431G1	2746S-1-3	1	CV	10x10	H	L	-20	181	177	163	174		
61432B2	2750S-1-1	1	CV	10x10	H	L	-20	233	237	234	235		
61431G4	2751S-1-1	1	CV	10x10	H	L	-20	181	177	163	174		
61543F1	2759S-1-1	1	CV	10x10	H	L	-20	216	215	207	213		
61543F1	2759S-2-1	1	CV	10x10	H	L	-20	216	215	207	213		
61543H2	2764S-1-2	1	CV	10x10	H	L	-20	216	215	207	213		
61431G2	2775S-1-1	1	CV	10x10	H	L	-20	181	177	163	174		
61432B1	2776S-1-1	1	CV	10x10	H	L	-20	233	237	234	235		
61432B1	2776S-1-2	1	CV	10x10	H	L	-20	233	237	234	235		
61432B1	2776S-1-3	1	CV	10x10	H	L	-20	233	237	234	235		
61432B3	2780S-1-1	1	CV	10x10	H	L	-20	233	237	234	235		
61432B4	2781S-1-1	1	CV	10x10	H	L	-20	233	237	234	235		
61432C2	2785S-1-1	1	CV	10x10	H	L	-20	233	237	234	235		
61432C4	2786S-1-1	1	CV	10x10	H	L	-20	233	237	234	235		
61432C1	2790S-1-1	1	CV	10x10	H	L	-20	233	237	234	235		
61432C1	2790S-1-2	1	CV	10x10	H	L	-20	233	237	234	235		
61432C1	2790S-1-3	1	CV	10x10	H	L	-20	233	237	234	235		
61433I2	2791S-1-1	1	CV	10x10	H	L	-20	237	189	229	218		
61547D5	2798S-1-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547D5	2798S-1-2	1	CV	10x10	H	L	-20	163	162	143	156		
61547D5	2798S-1-3	1	CV	10x10	H	L	-20	163	162	143	156		
61547D4	2801S-1-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547D4	2801S-1-2	1	CV	10x10	H	L	-20	163	162	143	156		
61547D4	2801S-2-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547D4	2801S-2-2	1	CV	10x10	H	L	-20	163	162	143	156		



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swain



Europe – Plate

Inspection Certificate

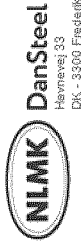
EN 10204:2004/3.1

Page 26 of 38
Date of creation: (Z02) 08.06.2022
Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131 Your order No.: (A07) P097977 Order registration date: 01.04.2022 Date of dispatch: 08.06.2022 B

Impact testing Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J		
61547D3	2802S-1-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547D3	2802S-1-2	1	CV	10x10	H	L	-20	163	162	143	156		
61433H2	2805S-1-1	1	CV	10x10	H	L	-20	237	189	229	218		
61433H4	2806S-1-1	1	CV	10x10	H	L	-20	237	189	229	218		
61433I1	2810S-1-1	1	CV	10x10	H	L	-20	237	189	229	218		
61433I3	2811S-1-1	1	CV	10x10	H	L	-20	237	189	229	218		
61434F1	2825S-1-1	1	CV	10x10	H	L	-20	191	203	205	200		
61436C3	2826S-1-1	1	CV	10x10	H	L	-20	170	188	175	178		
61436C3	2826S-1-2	1	CV	10x10	H	L	-20	170	188	175	178		
61438D1	2830S-1-1	1	CV	10x10	H	L	-20	178	178	174	177		
61436D3	2836S-1-1	1	CV	10x10	H	L	-20	170	188	175	178		
61438I4	2840S-1-1	1	CV	10x10	H	L	-20	178	178	174	177		
61547H1	2867S-1-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547H1	2867S-2-1	1	CV	10x10	H	L	-20	163	162	143	156		
61543E4	2868S-1-1	1	CV	10x10	H	L	-20	214	208	214	212		
61543E4	2868S-1-2	1	CV	10x10	H	L	-20	214	208	214	212		
61543E4	2868S-2-1	1	CV	10x10	H	L	-20	214	208	214	212		
61543E4	2868S-2-2	1	CV	10x10	H	L	-20	214	208	214	212		
61543E3	2871S-1-1	1	CV	10x10	H	L	-20	214	208	214	212		
61543E3	2871S-1-2	1	CV	10x10	H	L	-20	214	208	214	212		
61543E3	2871S-2-1	1	CV	10x10	H	L	-20	214	208	214	212		
61543E3	2871S-2-2	1	CV	10x10	H	L	-20	214	208	214	212		
61543E2	2872S-1-1	1	CV	10x10	H	L	-20	216	215	207	213		
61543E2	2872S-2-1	1	CV	10x10	H	L	-20	216	215	207	213		
61543E1	2885S-1-1	1	CV	10x10	H	L	-20	216	215	207	213		



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swain

Havnavej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02)

08.06.2022

Certificate No.: (A03)

144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J	J	J
61543E1	2885S-2-1	1	CV	10x10	H	L	-20	216	215	207	213		
61547C5	2886S-1-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547C5	2886S-1-2	1	CV	10x10	H	L	-20	163	162	143	156		
61547C5	2886S-1-3	1	CV	10x10	H	L	-20	163	162	143	156		
61547C4	2889S-1-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547C4	2889S-1-2	1	CV	10x10	H	L	-20	163	162	143	156		
61547C4	2889S-2-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547C4	2889S-2-2	1	CV	10x10	H	L	-20	163	162	143	156		
61547C3	2890S-1-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547C3	2890S-1-2	1	CV	10x10	H	L	-20	163	162	143	156		
61547C3	2890S-2-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547C3	2890S-2-2	1	CV	10x10	H	L	-20	163	162	143	156		
61547C2	2893S-1-1	1	CV	10x10	H	L	-20	142	132	136	137		
61547C2	2893S-1-2	1	CV	10x10	H	L	-20	142	132	136	137		
61547C2	2893S-2-1	1	CV	10x10	H	L	-20	163	162	143	156		
61547C2	2893S-2-2	1	CV	10x10	H	L	-20	163	162	143	156		
61547C1	2894S-1-1	1	CV	10x10	H	L	-20	142	132	136	137		
61547C1	2894S-2-1	1	CV	10x10	H	L	-20	142	132	136	137		
61378I4	2907S-1-1	1	CV	10x10	H	L	-20	196	177	133	169		
61547A5	2933S-1-1	1	CV	10x10	H	L	-20	142	132	136	137		
61547A5	2933S-1-2	1	CV	10x10	H	L	-20	142	132	136	137		
61547A5	2933S-2-1	1	CV	10x10	H	L	-20	142	132	136	137		
61547A5	2933S-2-2	1	CV	10x10	H	L	-20	142	132	136	137		
61547A4	2934S-2-1	1	CV	10x10	H	L	-20	142	132	136	137		
61547A4	2934S-2-2	1	CV	10x10	H	L	-20	142	132	136	137		



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swishin

Havnavej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Page 28 of 38

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

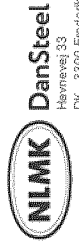
Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing

Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J	J	J
61547A3	2937S-1-1	1	CV	10x10	H	L	-20	142	132	136	137	136	137
61547A3	2937S-1-2	1	CV	10x10	H	L	-20	142	132	136	137	136	137
61547A3	2937S-2-1	1	CV	10x10	H	L	-20	142	132	136	137	136	137
61547A3	2937S-2-2	1	CV	10x10	H	L	-20	142	132	136	137	136	137
61547A2	2938S-1-1	1	CV	10x10	H	L	-20	142	132	136	137	136	137
61547A2	2938S-1-2	1	CV	10x10	H	L	-20	142	132	136	137	136	137
61547A2	2938S-1-3	1	CV	10x10	H	L	-20	142	132	136	137	136	137
61547A1	2941S-1-1	1	CV	10x10	H	L	-20	142	132	136	137	136	137
61547A1	2941S-2-1	1	CV	10x10	H	L	-20	142	132	136	137	136	137
61543I4	2942S-1-1	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543I4	2942S-1-2	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543I4	2942S-2-1	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543I4	2942S-2-2	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543I5	2965S-1-1	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543I5	2965S-1-2	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543I3	2967S-1-1	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543I3	2967S-1-2	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543I1	2971S-1-1	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543I1	2971S-2-1	1	CV	10x10	H	L	-20	214	208	214	212	214	212
61543A2	2972S-1-1	1	CV	10x10	H	L	-20	216	215	207	213	207	213
61543A2	2972S-1-2	1	CV	10x10	H	L	-20	216	215	207	213	207	213
61496A3	3062S-1-1	1	CV	10x10	H	L	-20	75	108	98	94	98	94
61496A3	3062S-2-1	1	CV	10x10	H	L	-20	75	108	98	94	98	94
61497E1	3067S-1-1	1	CV	10x10	H	L	-20	216	199	197	204	197	204
61496A2	3073S-1-1	1	CV	10x10	H	L	-20	131	128	123	127	123	127



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Svendsen



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J		
61496A2	3073S-1-2	1	CV	10x10	H	L	-20	131	128	123	127		
61496A2	3073S-2-1	1	CV	10x10	H	L	-20	131	128	123	127		
61496A2	3073S-2-2	1	CV	10x10	H	L	-20	131	128	123	127		
61497E2	3077S-1-1	1	CV	10x10	H	L	-20	216	199	197	204		
61497E2	3077S-2-1	1	CV	10x10	H	L	-20	216	199	197	204		
61497H3	3222S-1-1	1	CV	10x10	H	L	-20	216	199	197	204		
61497H3	3222S-2-1	1	CV	10x10	H	L	-20	216	199	197	204		
61498F1	3228S-1-2	1	CV	10x10	H	L	-20	169	178	161	169		
61498F1	3228S-1-3	1	CV	10x10	H	L	-20	169	178	161	169		
6151516	3236S-1-1	1	CV	10x10	H	L	-20	209	213	255	226		
6151516	3236S-1-2	1	CV	10x10	H	L	-20	209	213	255	226		
6151516	3236S-2-1	1	CV	10x10	H	L	-20	209	213	255	226		
6151516	3236S-2-2	1	CV	10x10	H	L	-20	209	213	255	226		
6151513	3242S-1-1	1	CV	10x10	H	L	-20	209	213	255	226		
6151513	3242S-1-2	1	CV	10x10	H	L	-20	209	213	255	226		
6151513	3242S-2-1	1	CV	10x10	H	L	-20	209	213	255	226		
6151513	3242S-2-2	1	CV	10x10	H	L	-20	209	213	255	226		
6151512	3244S-1-1	1	CV	10x10	H	L	-20	209	213	255	226		
6151512	3244S-1-2	1	CV	10x10	H	L	-20	209	213	255	226		
6151512	3244S-2-1	1	CV	10x10	H	L	-20	209	213	255	226		
6151512	3244S-2-2	1	CV	10x10	H	L	-20	209	213	255	226		
61515B6	3248S-2-1	1	CV	10x10	H	L	-20	209	213	255	226		
61515B6	3248S-2-2	1	CV	10x10	H	L	-20	209	213	255	226		
61497B6	3252S-1-1	1	CV	10x10	H	L	-20	198	175	203	192		
61497B6	3252S-1-2	1	CV	10x10	H	L	-20	198	175	203	192		



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Svendsen



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J	J	J
61497A2	3253S-1-1	1	CV	10x10	H	L	-20	161	187	172	173	172	173
61497A2	3253S-1-2	1	CV	10x10	H	L	-20	161	187	172	173	172	173
61497A2	3253S-2-2	1	CV	10x10	H	L	-20	161	187	172	173	172	173
61497B4	3263S-1-1	1	CV	10x10	H	L	-20	161	187	172	173	172	173
61497B4	3263S-1-2	1	CV	10x10	H	L	-20	161	187	172	173	172	173
61497B4	3263S-2-2	1	CV	10x10	H	L	-20	161	187	172	173	172	173
61498E6	3268S-1-1	1	CV	10x10	H	L	-20	94	125	148	122	148	122
61498E6	3268S-1-2	1	CV	10x10	H	L	-20	94	125	148	122	148	122
61498E6	3268S-2-1	1	CV	10x10	H	L	-20	94	125	148	122	148	122
61498E6	3268S-2-2	1	CV	10x10	H	L	-20	94	125	148	122	148	122
61543A1	3335S-1-1	1	CV	10x10	H	L	-20	181	209	180	190	180	190
61489F4	3365S-1-1	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489H1	3423S-2-1	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489C2	3454S-2-1	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489C1	3456S-1-1	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489C1	3456S-1-2	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489C1	3456S-2-1	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489C1	3456S-2-2	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489I3	3482S-2-1	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489I3	3482S-2-2	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489I1	3486S-1-1	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61489I1	3486S-1-2	1	CV	10x10	H	L	-20	159	195	174	176	174	176
61515F2	3649S-2-1	1	CV	10x10	H	L	-20	180	174	172	175	172	175
61585H3	3936S-1-1	1	CV	10x10	H	L	-20	120	120	114	118	114	118
61585H3	3936S-2-1	1	CV	10x10	H	L	-20	120	120	114	118	114	118



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swishin



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J	J	J
61585C1	3944S-1-1	1	CV	10x10	H	L	-20	120	120	114	114	118	118
61585C1	3944S-1-2	1	CV	10x10	H	L	-20	120	120	114	114	118	118
61585C1	3944S-2-2	1	CV	10x10	H	L	-20	120	120	114	114	118	118
60874F5	4925R-1-1	1	CV	7.5x10	H	L	-20	173	153	150	150	159	159
60874F5	4925R-2-1	1	CV	7.5x10	H	L	-20	173	153	150	150	159	159
60873D6	4934R-1-1	1	CV	7.5x10	H	L	-20	143	161	190	190	165	165
60873D6	4934R-2-1	1	CV	7.5x10	H	L	-20	143	161	190	190	165	165
60873D5	4943R-1-1	1	CV	7.5x10	H	L	-20	143	161	190	190	165	165
60873D5	4943R-2-1	1	CV	7.5x10	H	L	-20	143	161	190	190	165	165
60873D4	4953R-1-1	1	CV	7.5x10	H	L	-20	143	161	190	190	165	165
60873D4	4953R-2-1	1	CV	7.5x10	H	L	-20	143	161	190	190	165	165
60873B6	5350R-1-1	1	CV	7.5x10	H	L	-20	165	159	171	171	165	165
60686H5	5419R-1-1	1	CV	7.5x10	H	L	-20	108	138	118	118	121	121
60686H5	5419R-2-1	1	CV	7.5x10	H	L	-20	108	138	118	118	121	121
60464E6	5553R-1-1	1	CV	7.5x10	H	L	-20	161	171	173	173	168	168
60464E6	5553R-2-1	1	CV	7.5x10	H	L	-20	161	171	173	173	168	168
60464E5	5555R-1-1	1	CV	7.5x10	H	L	-20	161	171	173	173	168	168
60464E5	5555R-2-1	1	CV	7.5x10	H	L	-20	161	171	173	173	168	168
60464E4	5557R-1-1	1	CV	7.5x10	H	L	-20	161	171	173	173	168	168
60464E4	5557R-2-1	1	CV	7.5x10	H	L	-20	161	171	173	173	168	168
60465D6	5720R-1-1	1	CV	7.5x10	H	L	-20	168	166	171	171	168	168
60465D6	5720R-2-1	1	CV	7.5x10	H	L	-20	168	166	171	171	168	168
60465D3	5726R-1-1	1	CV	7.5x10	H	L	-20	168	166	171	171	168	168
60465D3	5726R-2-1	1	CV	7.5x10	H	L	-20	168	166	171	171	168	168
60874E6	5871R-1-1	1	CV	7.5x10	H	L	-20	166	164	154	154	161	161



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swain

Havnvejsvej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Page 32 of 38
Date of creation: (Z02) 08.06.2022
Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131 Your order No.: (A07) P097977 Order registration date: 01.04.2022 Date of dispatch: 08.06.2022 B

Impact testing Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J		
60874E6	5871R-2-1	1	CV	7.5x10	H	L	-20	166	164	154	161		
60874E4	5875R-2-1	1	CV	7.5x10	H	L	-20	166	164	154	161		
61367F3	7553R-1-1	1	CV	10x10	H	L	-20	123	135	88	115		
61367F2	7554R-1-1	1	CV	10x10	H	L	-20	123	135	88	115		
61367F2	7554R-1-2	1	CV	10x10	H	L	-20	123	135	88	115		
61367F2	7554R-2-1	1	CV	10x10	H	L	-20	123	135	88	115		
61367F2	7554R-2-2	1	CV	10x10	H	L	-20	123	135	88	115		
61367F1	7555R-1-1	1	CV	10x10	H	L	-20	123	135	88	115		
61367F1	7555R-1-2	1	CV	10x10	H	L	-20	123	135	88	115		
61367F1	7555R-2-1	1	CV	10x10	H	L	-20	123	135	88	115		
61367F1	7555R-2-2	1	CV	10x10	H	L	-20	123	135	88	115		
61365A3	7556R-1-1	1	CV	10x10	H	L	-20	79	117	137	111		
61365A3	7556R-1-2	1	CV	10x10	H	L	-20	79	117	137	111		
61365A3	7556R-2-1	1	CV	10x10	H	L	-20	79	117	137	111		
61365A3	7556R-2-2	1	CV	10x10	H	L	-20	79	117	137	111		
61365A1	7558R-1-1	1	CV	10x10	H	L	-20	179	181	172	177		
61365A1	7558R-1-2	1	CV	10x10	H	L	-20	179	181	172	177		
61365A1	7558R-2-1	1	CV	10x10	H	L	-20	179	181	172	177		
61365A1	7558R-2-2	1	CV	10x10	H	L	-20	179	181	172	177		
61354H2	7560R-1-1	1	CV	10x10	H	L	-20	139	128	136	134		
61354H2	7560R-1-2	1	CV	10x10	H	L	-20	139	128	136	134		
61354H2	7560R-2-1	1	CV	10x10	H	L	-20	139	128	136	134		
61354H2	7560R-2-2	1	CV	10x10	H	L	-20	139	128	136	134		
61354H1	7561R-1-1	1	CV	10x10	H	L	-20	154	140	157	150		
61354H1	7561R-1-2	1	CV	10x10	H	L	-20	154	140	157	150		



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swishin

Havnavej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Page 33 of 38

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing

Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J	J	J
61354H1	7561R-2-1	1	CV	10x10	H	L	-20	154	140	157	150		
61354H1	7561R-2-2	1	CV	10x10	H	L	-20	154	140	157	150		
61365C3	7582R-1-1	1	CV	10x10	H	L	-20	179	181	172	177		
61365C3	7582R-1-2	1	CV	10x10	H	L	-20	179	181	172	177		
61365C3	7582R-2-1	1	CV	10x10	H	L	-20	179	181	172	177		
61365C3	7582R-2-2	1	CV	10x10	H	L	-20	179	181	172	177		
61365C2	7583R-1-1	1	CV	10x10	H	L	-20	179	181	172	177		
61365C2	7583R-1-2	1	CV	10x10	H	L	-20	179	181	172	177		
61365C2	7583R-2-1	1	CV	10x10	H	L	-20	179	181	172	177		
61365C2	7583R-2-2	1	CV	10x10	H	L	-20	179	181	172	177		
61372C3	7585R-1-1	1	CV	10x10	H	L	-20	223	221	158	201		
61372C3	7585R-1-2	1	CV	10x10	H	L	-20	223	221	158	201		
61372C3	7585R-2-1	1	CV	10x10	H	L	-20	223	221	158	201		
61372C3	7585R-2-2	1	CV	10x10	H	L	-20	223	221	158	201		
61372C2	7586R-1-1	1	CV	10x10	H	L	-20	223	221	158	201		
61372C2	7586R-1-2	1	CV	10x10	H	L	-20	223	221	158	201		
61372C2	7586R-2-1	1	CV	10x10	H	L	-20	223	221	158	201		
61372C2	7586R-2-2	1	CV	10x10	H	L	-20	223	221	158	201		
61372C1	7587R-1-1	1	CV	10x10	H	L	-20	127	215	163	168		
61372C1	7587R-2-1	1	CV	10x10	H	L	-20	223	221	158	201		
61370B3	7588R-1-1	1	CV	10x10	H	L	-20	135	155	139	143		
61370B3	7588R-1-2	1	CV	10x10	H	L	-20	154	159	147	153		
61370B3	7588R-2-1	1	CV	10x10	H	L	-20	135	155	139	143		
61370B3	7588R-2-2	1	CV	10x10	H	L	-20	135	155	139	143		
61370B1	7590R-1-1	1	CV	10x10	H	L	-20	154	159	147	153		



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swain

Havnavej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing

Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J	J	J
61370B1	7590R-1-2	1	CV	10x10	H	L	-20	154	159	147	153		
61370B1	7590R-2-1	1	CV	10x10	H	L	-20	135	155	139	143		
61370B1	7590R-2-2	1	CV	10x10	H	L	-20	154	159	147	153		
61369A3	7591R-1-1	1	CV	10x10	H	L	-20	213	185	200	199		
61369A3	7591R-2-1	1	CV	10x10	H	L	-20	213	185	200	199		
61369A2	7652R-1-1	1	CV	10x10	H	L	-20	213	185	200	199		
61369A2	7652R-1-2	1	CV	10x10	H	L	-20	213	185	200	199		
61369A2	7652R-2-1	1	CV	10x10	H	L	-20	213	185	200	199		
61369A2	7652R-2-2	1	CV	10x10	H	L	-20	213	185	200	199		
61369A1	7653R-1-1	1	CV	10x10	H	L	-20	213	185	200	199		
61369A1	7653R-2-1	1	CV	10x10	H	L	-20	213	185	200	199		
61370J3	7654R-1-1	1	CV	10x10	H	L	-20	154	159	147	153		
61370J3	7654R-1-2	1	CV	10x10	H	L	-20	154	159	147	153		
61370J3	7654R-2-1	1	CV	10x10	H	L	-20	154	159	147	153		
61370J3	7654R-2-2	1	CV	10x10	H	L	-20	154	159	147	153		
61370J2	7655R-1-1	1	CV	10x10	H	L	-20	154	159	147	153		
61370J2	7655R-2-1	1	CV	10x10	H	L	-20	154	159	147	153		
61370J1	7656R-1-1	1	CV	10x10	H	L	-20	154	159	147	153		
61370J1	7656R-1-2	1	CV	10x10	H	L	-20	154	159	147	153		
61370J1	7656R-2-1	1	CV	10x10	H	L	-20	154	159	147	153		
61370J1	7656R-2-2	1	CV	10x10	H	L	-20	154	159	147	153		
61365G2	7658R-1-1	1	CV	10x10	H	L	-20	79	117	137	111		
61365G2	7658R-1-2	1	CV	10x10	H	L	-20	118	146	135	133		
61365G2	7658R-2-1	1	CV	10x10	H	L	-20	79	117	137	111		
61365G2	7658R-2-2	1	CV	10x10	H	L	-20	79	117	137	111		



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swishin



Europe – Plate

Inspection Certificate

EN 10204:2004/3.1

Page 35 of 38
Date of creation: (Z02) 08.06.2022
Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131 Your order No.: (A07) P097977 Order registration date: 01.04.2022 Date of dispatch: 08.06.2022 B

Impact testing Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J	J	J
61365G1	7659R-1-1	1	CV	10x10	H	L	-20	79	117	137	111	137	111
61365G1	7659R-2-1	1	CV	10x10	H	L	-20	79	117	137	111	137	111
61365F3	7660R-1-1	1	CV	10x10	H	L	-20	118	146	135	133	135	133
61365F3	7660R-1-2	1	CV	10x10	H	L	-20	118	146	135	133	135	133
61365F3	7660R-2-1	1	CV	10x10	H	L	-20	118	146	135	133	135	133
61365F3	7660R-2-2	1	CV	10x10	H	L	-20	118	146	135	133	135	133
61365F2	7661R-1-1	1	CV	10x10	H	L	-20	118	146	135	133	135	133
61365F2	7661R-1-2	1	CV	10x10	H	L	-20	118	146	135	133	135	133
61365F2	7661R-2-1	1	CV	10x10	H	L	-20	118	146	135	133	135	133
61365F2	7661R-2-2	1	CV	10x10	H	L	-20	118	146	135	133	135	133
61354I2	7694R-1-1	1	CV	10x10	H	L	-20	154	140	157	150	157	150
61354I2	7694R-1-2	1	CV	10x10	H	L	-20	154	140	157	150	157	150
61354I2	7694R-2-1	1	CV	10x10	H	L	-20	154	140	157	150	157	150
61354I2	7694R-2-2	1	CV	10x10	H	L	-20	154	140	157	150	157	150
61349G3	7696R-1-1	1	CV	10x10	H	L	-20	162	172	162	165	162	165
61349G3	7696R-2-1	1	CV	10x10	H	L	-20	162	172	162	165	162	165
61349G1	7698R-1-1	1	CV	10x10	H	L	-20	162	172	162	165	162	165
61349G1	7698R-1-2	1	CV	10x10	H	L	-20	162	172	162	165	162	165
61349G1	7698R-2-1	1	CV	10x10	H	L	-20	162	172	162	165	162	165
61349G1	7698R-2-2	1	CV	10x10	H	L	-20	162	172	162	165	162	165
61366D2	7700R-1-1	1	CV	10x10	H	L	-20	106	76	115	99	115	99
61366D2	7700R-1-2	1	CV	10x10	H	L	-20	106	76	115	99	115	99
61366D2	7700R-2-1	1	CV	10x10	H	L	-20	106	76	115	99	115	99
61366D2	7700R-2-2	1	CV	10x10	H	L	-20	106	76	115	99	115	99
61366D1	7701R-1-1	1	CV	10x10	H	L	-20	106	76	115	99	115	99



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swish

Havnavej 33
DK - 3300 Fredrikssøværk



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/slab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV (C42)		SV (C42)		AV (C43)	
								J	J	J	J		
61366D1	7701R-2-1	1	CV	10x10	H	L	-20	106	76	115	99	115	99
61349I3	7748R-1-1	1	CV	10x10	H	L	-20	162	172	162	165	162	165
61349I3	7748R-2-1	1	CV	10x10	H	L	-20	162	172	162	165	162	165
61349B2	7752R-1-1	1	CV	10x10	H	L	-20	156	154	175	162	175	162
61349B2	7752R-1-2	1	CV	10x10	H	L	-20	156	154	175	162	175	162
61349B2	7752R-2-1	1	CV	10x10	H	L	-20	156	154	175	162	175	162
61349B2	7752R-2-2	1	CV	10x10	H	L	-20	156	154	175	162	175	162
61353G1	7756R-1-1	1	CV	10x10	H	L	-20	171	174	191	179	191	179
61353G1	7756R-1-2	1	CV	10x10	H	L	-20	171	174	191	179	191	179
61353G1	7756R-2-1	1	CV	10x10	H	L	-20	171	174	191	179	191	179
61353G1	7756R-2-2	1	CV	10x10	H	L	-20	171	174	191	179	191	179
61354A2	7788R-1-1	1	CV	10x10	H	L	-20	139	128	136	134	136	134
61354A2	7788R-1-2	1	CV	10x10	H	L	-20	139	128	136	134	136	134
61354A2	7788R-2-1	1	CV	10x10	H	L	-20	139	128	136	134	136	134
61354A2	7788R-2-2	1	CV	10x10	H	L	-20	139	128	136	134	136	134
61354G2	7791R-1-2	1	CV	10x10	H	L	-20	139	128	136	134	136	134
61354G1	7792R-1-1	1	CV	10x10	H	L	-20	139	128	136	134	136	134
61354G1	7792R-1-2	1	CV	10x10	H	L	-20	139	128	136	134	136	134
61354G1	7792R-2-1	1	CV	10x10	H	L	-20	139	128	136	134	136	134
61354G1	7792R-2-2	1	CV	10x10	H	L	-20	139	128	136	134	136	134
61366I3	7793R-1-1	1	CV	10x10	H	L	-20	82	124	111	106	111	106
61366I3	7793R-2-1	1	CV	10x10	H	L	-20	82	124	111	106	111	106
61366I2	7794R-1-1	1	CV	10x10	H	L	-20	82	124	111	106	111	106
61366I2	7794R-1-2	1	CV	10x10	H	L	-20	82	124	111	106	111	106
61366I2	7794R-2-1	1	CV	10x10	H	L	-20	82	124	111	106	111	106



(A01)

(A04)



Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen

Z. Swishin



Europe – Plate

Inspection Certificate

(A02)

EN 10204:2004/3.1

Page 37 of 38

Date of creation: (Z02) 08.06.2022

Certificate No.: (A03) 144755/2

Our order No.: (A08) 2386131

Your order No.: (A07) P097977

Order registration date: 01.04.2022

Date of dispatch: 08.06.2022 B

Impact testing

Impact tests were performed in accordance with EN 10045/ISO 148-1 with results as stated below:

Heat/lab (B07)	Plate ID (B06)	Position (C01)	Notch (C40)	Shape (C41)	Loc. (C01)	Dir. (C02)	Temp. °C (C03)	SV J (C42)	SV J (C42)	SV J (C42)	AV J (C43)
61366I2	7794R-2-2	1	CV	10x10	H	L	-20	82	124	111	106
61366I1	7795R-1-1	1	CV	10x10	H	L	-20	82	124	111	106
61366I1	7795R-2-1	1	CV	10x10	H	L	-20	82	124	111	106
61372A3	7796R-1-1	1	CV	10x10	H	L	-20	127	215	163	168
61372A3	7796R-1-2	1	CV	10x10	H	L	-20	127	215	163	168
61372A2	7797R-2-1	1	CV	10x10	H	L	-20	127	215	163	168
61435E4	8759R-1-1	1	CV	10x10	H	L	-20	201	240	210	217
61435A6	8769R-1-1	1	CV	10x10	H	L	-20	201	240	210	217

Supplementary Information (C99)

Position: (C01) 1 = surface, 2 = middle, 3 = 1/3 of thickness, 4 = 1/4 of thickness

Notch: (C40) CU = Charpy U-notch, CV = Charpy V-notch, CVA = Charpy V-notch (ASTM)

Loc.: (C01) H = head, T = tail

Dir.: (C02) T = transversal, L = longitudinal



DanSteel

Havnvejsvej 33

DK - 3300 Fredrikssønder

(A01)



(A04)

Inspection representative NLMK DanSteel A/S (A05)

Zibrandt Greisen



Europe – Plate

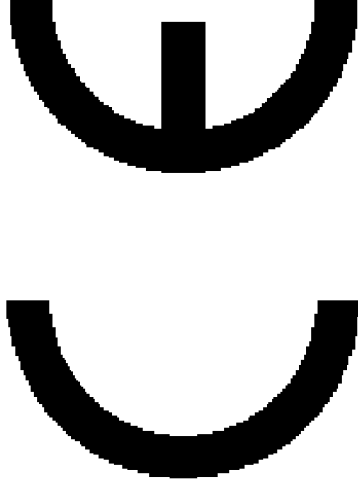
Inspection Certificate ^(A02)

EN 10204:2004/3.1

Page 38 of 38
Date of creation: ^(Z02) 08.06.2022
Certificate No.: ^(A03) 144755/2

Our order No.: ^(A08) 2386131 **Your order No.:** ^(A07) P097977 **Order registration date:** 01.04.2022 **Date of dispatch:** 08.06.2022 **B**

We hereby certify that the material has been made and tested in accordance with the mentioned specification(s).
Certified according to Construction Products Regulations (305/2011/EU) by TÜV NORD Systems GmbH (Notified Body Reg. No. 0045).
For Declaration of Performance please see www.DanSteel.dk and DoP number 010CPR2013-07-01.



TÜV-NORD 0045-CPR-0554
Year of initial inspection: 2005

Intended use: Welded, bolted and riveted structures.

Our products are Cobalt, Gold, Mercury free and are free of radioactive substances and do not exceed the clearing limit value of 100 Bg/kg, which guarantees the compliance with limit values given in the Radiation Protection Ordinance (StrlSchV) for the unrestricted clearance of solid material (StrlSchV Annex II, Section 5) for ferrous nuclides.
Manufactured in Denmark



^(A01)

DanSteel
Havnvej 33
DK - 3300 Fredrikssøværk

^(A04)



Inspection representative NLMK DanSteel A/S ^(A05)

Zibrandt Greisen

Z. Greisen