

MILL TEST CERTIFICATE

HOT-ROLLED STAINLESS STEEL PLATE

EN 10204 3.1



DKC Pohang

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Location: 86, Gohyeon-Gil 98Beon-Gil, Cheongha-Myeon, Buk-Gu, Pohang, Kyung Buk,

Mit Zustimmung des TÜV-Rheinland Industrie Service GmbH

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We hereby certify that the material described above has been tested and complies with the terms of the order contract

Customer 주식회사 포스코인터내셔널	Article HOT-ROLLED STAINLESS STEEL PLATE	Certificate No. 20220216-25311-1-045	8 / 8
State of delivery SOLUTION TREATED	Works No. 211101089	Marking Brand of the manufacture DK Corporation	Works Inspector's stamp A
Melting process: A.O.D	Technical requirements/demand AD2000-W0/W2/W10	Intergranular corrosion test EN ISO 3651-2A : GOOD	
Heat treatment: Min 1040 °C	305/2011/EU		
Water cooling	PED2014/68/EU		
Visual inspection and dimensional check: GOOD	Identification test: WITHOUT COMPLAINTS		

Specification	Edition	Addenda	Grade	Material-UNS designation	Finish
EN 10088-4	2009		1.4307/1.4301	X2CrNi18-9/X5CrNi18-10	1D
EN 10028-7	2016		1.4307/1.4301	X2CrNi18-9/X5CrNi18-10	1D
EN 10088-2	2014		1.4307/1.4301	X2CrNi18-9/X5CrNi18-10	1D
ASTM A240M/480M	19/19A		304L/304	S30403/S30400	No.1
ASME SEC.II SA240M/480M	2019		304L/304	S30403/S30400	No.1

No.	Bundle No.	Heat No.	Plate No.	Quantity	Dimension (mm)			Weight (kg)	ASTM E112 Grain size
					Thickness	Width	Length		
29	2111-0594	21SD54647	21QBX0765-08-01	1	15.000	1500	6000	1.086	6.1
30	2111-0594	21SD54647	21QBX0765-08-02	1	15.000	1500	6000	1.086	6.1

Tolerances on dimension, shape and mass	EN 10029 class B/N	EN ISO 18286 A/N	ASTM A480/A480M
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No.	Heat No.	Division	Chemical composition (%)													
			Cont	C	Si	Mn	P	S	Ni	Cr	N	Mo	Co	Cu	Ti	Nb
			Max	0.030	1.00	2.00	0.045	0.015	10.50	19.50	0.100					
			Min						8.00	17.50						
29	21SD54647	L		0.022	0.43	1.51	0.031	0.004	8.05	18.15	0.040	0.15		0.27		
30	21SD54647	L		0.022	0.43	1.51	0.031	0.004	8.05	18.15	0.040	0.15		0.27		
		P														
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Mechanical tests																		
No.	Plaque No	Specimen			Tensile test (1N/mm²=1MPa)							Impact test				Test temperature	Hardness — HBW	
					Dim's of specimen		Yield point Proof stress		Tensile Strength	Elongation %		Ra %	Energy of Impact(J)					
		Location	Direction	Position	Thick (mm)	Width (mm)	N/mm2		Rm	As	A50mm		ISO-V					
							Thick (mm)	Values										
								1st					2nd	3rd	Avg			
29	21QBX0765-08-01	T	C	1/4t	15	25	228.6	285.3	630.8	56.1	61.4	10	172.5	183.3	175.4	177.4	RT	80.0
		B																
30	21QBX0765-08-02	T	C	1/4t	15	25	228.6	285.3	630.8	56.1	61.4	10	172.5	183.3	175.4	177.4	RT	80.0
		B																

Ultrasonic test	Mercury Free, No weld repair statement	Manufacture Info.
Remarks	NACE MR0175 & ISO 15156-3	DK Corporation

NO REPAIR WELDING HAS BEEN PERFORMED ON THE MATERIAL		Works Inspector
Direction: L = Longitudinal	C = Transverse	H.B. CHAE
Location: T = Top	B = Bottom	
Division: L = Ladle analysis	P = Product analysis	

THANK YOU FOR USING ALWAYS DKC Corporation.