Anshan Zizhu heavy special steel
Co. Ltd.

MILL QUALITY TEST CERTIFICATES

No. 555 Zizhu ROAD, TENGAO TOWN
TEL (0412) 8311011
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CONSIGNEE:HANDELMAATSCHAPPIJ GOOIMEER B. V.	DESCRIPTION OF GOODS	HOT ROLLED STEEL SHEET PILE	Quality Test No.	ASZZ-22317	
	Standard	EN10248-1/2	Weight Method	THEORETICAL	Production 2022. 1. 20

According to 3.1 ACCORDING TO EN 10204								Chemical Composition (%)											Mechanical Properties			Impact Test (J)			
Size	Heat No.	Steel Grade	Length (m)	Quantity (Pcs)	weight (MT)	Surface Quality	Surface Dimension	C	Si	Mn	P	S	Cu	Cr	Ni	Mo	V	N	Ceq /CEV	Yield Point	Tensile	Elong.	TestTemp(℃) Dimenfion(mm)			— —
								$\times 10^{-2}$			$\times 10^{-3}$							$\times 10^{-2}$		(Mpa)	(Mpa)	(%)	1	2	3	AVG
ZZ18-700	12110074	S355GP	14	100	107.380	Qualify	Qualify	15	31	131	15	14	—	—	—	—	23	0.5	37	395	556	24	—	—	—	—
ZZ18-700	12110075	S355GP	14	100	107.380	Qualify	Qualify	16	25	135	14	15	—	—	—	—	25	0.4	39	390	553	25	—	—	—	—
ZZ18-700	12110076	S355GP	15	100	115.050	Qualify	Qualify	17	29	132	13	14	—	—	—	—	29	0.3	40	385	562	24.5	—	—	—	—
ZZ18-700	12110077	S355GP	15	100	115.050	Qualify	Qualify	18	29	132	15	15	—	—	—	—	29	0.3	41	384	562	24.5	—	—	—	—
ZZ18-700	12110078	S355GP	22	69	116.431	Qualify	Qualify	17	30	126	14	13	—	—	—	—	23	0.5	38	386	560	24	—	—	—	—
ZZ18-700	12110079	S355GP	22	66	111.368	Qualify	Qualify	16	30	128	12	12	—	—	—	—	28	0.5	38	387	562	23.5	—	—	—	—
ZZ18-700	12110080	S355GP	22	65	109.681	Qualify	Qualify	19	30	126	14	14	—	—	—	—	23	0.4	40	398	557	24	—	—	—	—
ZZ18-700	12110081	S355GP	24	50	92.040	Qualify	Qualify	17	32	126	15	15	—	—	—	—	25	0.3	39	397	560	25.5	—	—	—	—
ZZ18-700	12110082	S355GP	24	50	92.040	Qualify	Qualify	18	30	125	16	15	—	—	—	—	23	0.5	39	391	560	24.5	—	—	—	—
ZZ18-700	12110083	S355GP	24	50	92.040	Qualify	Qualify	17	30	126	14	13	—	—	—	—	24	0.3	38	396	554	24	—	—	—	—
ZZ18-700	12110084	S355GP	24	50	92.040	Qualify	Qualify	16	31	126	13	12	—	—	—	—	23	0.5	37	393	559	23.5	—	—	—	—
TOTAL				800	1150.500																					
Remarks																										

WE HEREBY CERTIFY THIS MATERIAL DESCRIBED HEREIN HAS BEEN MANUFACTURED AND TESTED WITH SATISFACTORY RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE ABOVE MATERIAL SPECIFICATION.

Sales: ENBO YU Inspection: YANLONG MA Examiner FENG HAN QUALITY MANAGER: GUOHUA WEI