

# ORIGINAL

 <p><b>SEAMETAL</b> SAN VE DIS TIC. LTD. STI.</p>	<p><b>MILL TEST CERTIFICATE</b></p> <p>INSPECTION CERTIFICATE AS PER EN 10204 CLAUSE 3.1 CONFIRMING TO THE DEFINITION IN EN 10168</p>	<p>DATE 23.12.2024 PAGE : 1/2 Nr.: IHR202400000223</p>	 <p>ISO 9001:2008</p>
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**HEAD OFFICE**  
ATATURK MAH. ATASEHIR BULVARI  
GARDENYA PLAZA 5 APT NO:5/10  
ATASEHIR 34758 ISTANBUL TURKEY.  
Web: [www.seametaltd.com](http://www.seametaltd.com)  
Email: [office@seametaltd.com](mailto:office@seametaltd.com)

**Company Name & address**  
PRODALAM S.A.  
ALBERTO PEPPER 1610 RENCA, SANTIAGO CHILE

**Description of Goods**  
HOT ROLLED STEEL HEB AND IPE AND IPN AND UPN  
CFR VALPARAISO CHILE BY 40 HC CONTAINERS ACCORDING TO INCOTERMS 2020  
L/C NUMBER I030477  
TOTAL NUMBER OF BUNDLES: 74  
TOTAL GROSS WEIGHT: 207,640 MT  
TOTAL THEORETICAL WEIGHT: 212,565 MT

**NAME OF VESSEL: MAERSK VALPARAISO**  
**VOYAGE NO: 4515**  
**PORT OF LOADING: ALIAGA PORT, IZMIR TURKEY**  
**PORT OF DISCHARGE: VALPARAISO, CHILE**

DESCRIPTION OF GOODS				CHEMICAL PROPERTIES																	MECHANICAL PROPERTIES				
PRODUCT	SIZE (MM)	LENGTH (M)	HEAT NO	C %	Mn %	Si %	P %	S %	Cr %	Ni %	Cu %	Mo %	Ti %	Co %	Sn %	Al %	Nb %	N %	V %	B %	Ceq %	BEND TEST 180°	YIELD POINT ReH N/mm2	TENSILE STRENGTH Rm N/mm2	ELONGATION %
IPE	IPE 220	12	S275JR 24105783	0,20	0,80	0,19	0,015	0,035	0,07	0,16	0,55	0,020	*	*	0,020	*	*	0,007	0,002	*	0,40	OK	378	541	31,2
IPE	IPE 270	6	S275JR 24204402	0,17	0,83	0,21	0,014	0,021	0,13	0,13	0,55	0,020	*	*	0,026	*	*	0,006	0,002	*	0,38	OK	356	500	31,7
IPE	IPE 270	12	S275JR 24204398	0,15	0,77	0,16	0,013	0,014	0,15	0,14	0,47	0,030	*	*	0,025	*	*	0,004	0,002	*	0,36	OK	346	477	34,8
IPE	IPE 270	12	S275JR 24204399	0,16	0,73	0,18	0,023	0,021	0,20	0,14	0,46	0,030	*	*	0,019	*	*	0,005	0,002	*	0,37	OK	348	483	36,3
IPN	IPN 240	12	S275JR 24202174	0,15	0,72	0,20	0,013	0,019	0,16	0,16	0,48	0,030	*	*	0,016	*	*	0,005	0,004	*	0,35	OK	350	540	31,4
IPN	IPN 260	12	S275JR 24203400	0,14	0,67	0,19	0,012	0,009	0,15	0,13	0,49	0,030	*	*	0,014	*	*	0,005	0,002	*	0,33	OK	365	483	34,4
HEB	HEB 200	12	S275JR 24205128	0,15	0,68	0,20	0,014	0,011	0,12	0,11	0,41	0,020	*	*	0,016	*	*	0,003	0,002	*	0,33	OK	306	470	33,2
UPN	UPN 240	12	S275JR 24204252	0,16	0,73	0,15	0,008	0,012	0,07	0,12	0,38	0,020	*	*	0,015	*	*	0,004	0,002	*	0,33	OK	312	463	33,1
UPN	UPN 240	12	S275JR 24204249	0,16	0,78	0,17	0,006	0,014	0,07	0,10	0,31	0,020	*	*	0,013	*	*	0,004	0,003	*	0,34	OK	323	471	32,8
UPN	UPN 260	12	S275JR 24204558	0,16	0,71	0,17	0,024	0,012	0,140	0,130	0,52	0,020	*	*	0,023	*	*	0,003	0,002	*	0,35	OK	352	510	33,3
UPN	UPN 300	6	S275JR 24102464	0,14	0,82	0,16	0,013	0,020	0,140	0,100	0,39	0,020	*	*	0,017	*	*	0,008	0,003	*	0,34	OK	318	470	34,2
UPN	UPN 300	12	S275JR 24102464	0,14	0,82	0,16	0,013	0,020	0,140	0,100	0,39	0,020	*	*	0,017	*	*	0,008	0,003	*	0,34	OK	318	470	34,2
UPN	UPN 300	12	S275JR 24204585	0,16	0,70	0,16	0,008	0,008	0,140	0,120	0,44	0,030	*	*	0,022	*	*	0,004	0,002	*	0,34	OK	331	478	32,7

Tolerances on shape and dimensions are fulfilled Acc. to EN 10034, 10024 and 10279

Mechanical and chemical requirements are fulfilled Acc. to client specifications and EN 10025-2:2019

Condition of Delivery: "Hot Rolled / As Rolled"

<p>CE MARKING</p> 	<p>WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.</p>	<p>CONTROL OF QUALITY</p>  <p>SEAMETAL SAN. VE DIS TIC. LTD. STI. KOZYATAĞI V.D: 757 029 372 Sicil No: 531684 Mersis No: 0757029372100044</p>
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ORIGINAL



SEAMETAL SAN VE DIS TIC. LTD. STI.

MILL TEST CERTIFICATE

INSPECTION CERTIFICATE AS PER EN 10204 CLAUSE 3.1 CONFIRMING TO THE DEFINITION IN EN 10168

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ISO 9001:2008

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Company Name & address

PRODALAM S.A.
ALBERTO PEPPER 1610 RENCA, SANTIAGO CHILE

Description of Goods

HOT ROLLED STEEL HEB AND IPE AND IPN AND UPN
CFR VALPARAISO CHILE BY 40 HC CONTAINERS ACCORDING TO INCOTERMS 2020
L/C NUMBER 1030477
TOTAL NUMBER OF BUNDLES: 74
TOTAL GROSS WEIGHT: 207,640 MT
TOTAL THEORETICAL WEIGHT: 212,565 MT

NAME OF VESSEL: MAERSK VALPARAISO
VOYAGE NO: 4515
PORT OF LOADING: ALIAGA PORT, IZMIR TURKEY
PORT OF DISCHARGE: VALPARAISO, CHILE

TEST RESULTS

Table with columns: DESCRIPTION OF GOODS, CHEMICAL PROPERTIES, MECHANICAL PROPERTIES. Includes rows for IPE, IPN, and UPN products with various chemical and mechanical test results.

Tolerances on shape and dimensions are fulfilled Acc. to EN 10034, 10024 and 10279

Mechanical and chemical requirements are fulfilled Acc. to client specifications and EN 10025-2:2019

Condition of Delivery: "Hot Rolled / As Rolled"

CE MARKING



WE HEREBY CERTIFY THAT THE MATERIAL HAS BEEN MADE AND TESTED IN ACCORDANCE WITH THE ABOVE SPECIFICATION AND ALSO WITH THE REQUIREMENTS CALLED FOR BY THE ABOVE ORDER.

CONTROL OF QUALITY

Handwritten signature and stamp area containing company name and identification numbers.

COPY



**SEAMETAL**  
SAN VE DIS TIC. LTD.  
STI.

**MILL TEST CERTIFICATE**

INSPECTION CERTIFICATE AS PER EN 10204 CLAUSE 3.1 CONFIRMING TO THE DEFINITION IN EN 10168

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VOYAGE NO: 4515  
PORT OF LOADING: ALIAGA PORT, IZMIR TURKEY  
PORT OF DISCHARGE: VALPARAISO, CHILE

**TEST RESULTS**

DESCRIPTION OF GOODS					CHEMICAL PROPERTIES																	BEND TEST	MECHANICAL PROPERTIES			
PRODUCT	SIZE (MM)	LENGTH (M)	QUALITY	HEAT NO	C %	Mn %	Si %	P %	S %	Cr %	Ni %	Cu %	Mo %	Ti %	Co %	Sn %	Al %	Nb %	N %	V %	B %	Ceq %	180°	YIELD POINT ReH N/mm2	TENSILE STRENGTH Rm N/mm2	ELONGATION %
IPE	IPE 220	12	S275JR	24105783	0,20	0,80	0,19	0,015	0,035	0,07	0,16	0,55	0,020	*	*	0,020	*	*	0,007	0,002	*	0,40	OK	378	541	31,2
IPE	IPE 270	6	S275JR	24204402	0,17	0,83	0,21	0,014	0,021	0,13	0,13	0,55	0,020	*	*	0,026	*	*	0,006	0,002	*	0,38	OK	356	500	31,7
IPE	IPE 270	12	S275JR	24204398	0,15	0,77	0,16	0,013	0,014	0,15	0,14	0,47	0,030	*	*	0,025	*	*	0,004	0,002	*	0,36	OK	346	477	34,8
IPE	IPE 270	12	S275JR	24204399	0,16	0,73	0,18	0,023	0,021	0,20	0,14	0,46	0,030	*	*	0,019	*	*	0,005	0,002	*	0,37	OK	348	483	36,3
IPN	IPN 240	12	S275JR	24202174	0,15	0,72	0,20	0,013	0,019	0,16	0,16	0,48	0,030	*	*	0,016	*	*	0,005	0,004	*	0,35	OK	350	540	31,4
IPN	IPN 260	12	S275JR	24203400	0,14	0,67	0,19	0,012	0,009	0,15	0,13	0,49	0,030	*	*	0,014	*	*	0,005	0,002	*	0,33	OK	365	483	34,4
HEB	HEB 200	12	S275JR	24205128	0,15	0,68	0,20	0,014	0,011	0,12	0,11	0,41	0,020	*	*	0,016	*	*	0,003	0,002	*	0,33	OK	306	470	33,2
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UPN	UPN 240	12	S275JR	24204249	0,16	0,78	0,17	0,006	0,014	0,07	0,10	0,31	0,020	*	*	0,013	*	*	0,004	0,003	*	0,34	OK	323	471	32,8
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CONTROL OF QUALITY

**SEAMETAL**  
SAN. VE DIS TIC. LTD. STI.  
KOZYATAĞI V.D: 75 020 372  
Tic. No: 53168  
MERSİS No: 0757029372100014