

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

DATE 23.12.2024
PAGE : 1/2
Nr.: IHR202400000223



HEAD OFFICE

ATATURK MAH. ATASEHIR BULVARI
GARDENYA PLAZA 5 APT NO:5/10
ATASEHIR 34758 ISTANBUL TURKEY.
Web: www.seametaltd.com
Email: 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

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 |
| 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"

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

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