



**İZMİR DEMİR ÇELİK  
SANAYİ A.Ş.**

İZMİR DEMİR ÇELİK SAN. A.Ş.  
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**MILL TEST CERTIFICATE**  
CONFIRM TO EN 10204 3.1

DATE: 02.04.2022  
CERT. NO: AE 2022-04.1

THE LC NO.: 032LSRG220470001

DESCRIPTION OF GOODS :  
PRIME NEWLY PRODUCED STEEL BEAMS UPN ACC.TO S275JR AND S355JR

Inspection Certificate According to EN 10204:2004 3.1

| SIZE    | QUALITY | LENGTH<br>(M) | QTY/HEAT<br>(PCS) | THEORETICAL<br>WEIGHT<br>(MT) | HEAT NO  | MECHANICAL PROPERTIES<br>G.L: 5,65 $\sqrt{S_0}$ (EN 10025)<br>S <sub>0</sub> Cross Sec. Area |                                          |             | BEND TEST<br>180° | CHEMICAL COMPOSITION |      |      |       |       |      |      |      |       |       |       |       |                             |
|---------|---------|---------------|-------------------|-------------------------------|----------|----------------------------------------------------------------------------------------------|------------------------------------------|-------------|-------------------|----------------------|------|------|-------|-------|------|------|------|-------|-------|-------|-------|-----------------------------|
|         |         |               |                   |                               |          | YIELD<br>STRENGTH<br>(N/mm <sup>2</sup> )                                                    | TENSIL<br>STRESS<br>(N/mm <sup>2</sup> ) | %<br>ELONG. |                   | C %                  | Si % | Mn % | P %   | S %   | Cr % | Ni % | Cu % | Mo %  | Ti %  | N %   | V %   | CARBON<br>EQUIVALENT<br>CEV |
| UPN 180 | S275JR  | 12,00         | 96                | 25.344                        | 21108616 | 318                                                                                          | 457                                      | 37,5        | OK                | 0,14                 | 0,19 | 0,67 | 0,012 | 0,026 | 0,08 | 0,13 | 0,45 | 0,020 | 0,017 | 0,008 | 0,002 | 0,31                        |
| UPN 260 | S275JR  | 12,00         | 54                | 24.559                        | 22102075 | 337                                                                                          | 481                                      | 35,3        | OK                | 0,15                 | 0,20 | 0,76 | 0,012 | 0,012 | 0,08 | 0,10 | 0,30 | 0,021 | 0,014 | 0,008 | 0,002 | 0,32                        |
| UPN 260 | S355JR  | 12,00         | 108               | 49.118                        | 22102055 | 378                                                                                          | 553                                      | 29,7        | OK                | 0,20                 | 0,22 | 1,20 | 0,014 | 0,017 | 0,05 | 0,10 | 0,30 | 0,020 | 0,015 | 0,007 | 0,003 | 0,44                        |
| UPN 300 | S275JR  | 12,00         | 96                | 53.222                        | 22102009 | 316                                                                                          | 459                                      | 36,1        | OK                | 0,14                 | 0,19 | 0,70 | 0,010 | 0,016 | 0,07 | 0,10 | 0,31 | 0,030 | 0,015 | 0,008 | 0,003 | 0,30                        |
| UPN 300 | S355JR  | 12,00         | 48                | 26.611                        | 22102051 | 388                                                                                          | 557                                      | 34,1        | OK                | 0,19                 | 0,22 | 1,22 | 0,016 | 0,020 | 0,09 | 0,10 | 0,34 | 0,019 | 0,016 | 0,008 | 0,003 | 0,44                        |

Fine Grain and Fully Killed Structural Steel.  
Chemical property values are off "Ladle/Heat Analysis".  
Condition of Supply: "Hot Rolled / As Rolled".  
Rolling Margins are in accordance with EN 10279: 2000th Edition.  
Dimensional Properties are in accordance with EN 10365: 2017th Edition  
Manufacturing Standard as EN 10025-1: 2004th and EN 10025-2: 2019th Edition  
STEEL MAKING PROCESS (EAF)  
"Results of Visual Surface Appearance and Dimensional Inspection : Acceptable and Satisfactory Result."  
Surface Condition are in accordance with "EN 10163-3: 2004, Class C, Sub Class 3". "

"We hereby certify that the material has been produced, inspected, tested, sampled and witnessed in accordance with the above specification and also with the requirements called for by the above order found Comply and Satisfactory result"

FERHAT ÖRS  
MSM QC ASS. MANAGER  
ISSUED BY THE MANUFACTURER



İZMİR DEMİR ÇELİK SAN. A.Ş. is an approved company by UK CARES with certificate no 1072 for BS EN ISO 9001:2015 Quality Management System  
İZMİR DEMİR ÇELİK SAN. A.Ş. is an approved company by UK CARES with certificate no 1392 for Sustainable Constructional Steel

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