

|                                                                                                                                                                            |                   |                                                           |                     |          |                |                                                                                                                                                                                                                                                                                    |                            |                          |                                     |                                                                          |      |      |                                                                          |                                           |       |       |        |       |        |                                                                                                                     |       |        |      |        |       |        |  |  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----------------------------------------------------------|---------------------|----------|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|--------------------------|-------------------------------------|--------------------------------------------------------------------------|------|------|--------------------------------------------------------------------------|-------------------------------------------|-------|-------|--------|-------|--------|---------------------------------------------------------------------------------------------------------------------|-------|--------|------|--------|-------|--------|--|--|--|
| <div>A 04</div> <div></div>                                                                |                   |                                                           |                     |          |                | <div>A 02</div> <div>MILL'S TEST CERTIFICATION<br/>(ÜRÜN TEST SERTİFİKASI)<br/>THE INSPECTION CERTIFICATE AS PER EN 10204 CLAUSE 3.1 CONFORMING TO THE DEFINITION IN EN 10168.<br/>(EN 10168 deki tanımlamaya uygun EN 10204 standardı, madde 3.1 e göre muayene edilmiştir)</div> |                            |                          |                                     |                                                                          |      |      |                                                                          |                                           |       |       |        |       |        | <div>A 03</div> <div>DOCUMENT NO : 2202101114<br/>ISSUE DATE : 08 02 2021<br/>Rev No/D : 1 PAGE (Sayfa) : 1/1</div> |       |        |      |        |       |        |  |  |  |
| <div>A 01</div> <div>CAG CELIK DEMIR VE CELIK END.A.CAG CELIK PLAZA ESENSEHIR EMEK MAH.ESKI NATO YOLU<br/>NO.286 SANCAKTEPE, ISTANBUL, TURKEY</div>                        |                   |                                                           |                     |          |                | <div>A 06</div> <div>CUSTOMER :<br/>(Müşteri)</div> <div>HAKAN SAC METAL</div>                                                                                                                                                                                                     |                            |                          |                                     |                                                                          |      |      | <div>A 07</div> <div>ORDER NO<br/>Sipariş No</div> <div>2202101114</div> |                                           |       |       |        |       |        | <div>A 08</div> <div>MANUFACTURER (Üretici) CAG CELIK<br/>DEMIR VE CELIK END.A.S.</div>                             |       |        |      |        |       |        |  |  |  |
| <div>B 01</div> <div>PRODUCT (Ürün) : PRIME QUALITY COLD DRAWN BARS</div>                                                                                                  |                   |                                                           |                     |          |                | <div>STANDARD OF ASSESSMENT OF CONFORMITY</div> <div>EN 10025-2 /<br/>SAE J403</div>                                                                                                                                                                                               |                            |                          |                                     | <div>STANDARD OF GRADE OF<br/>PRODUCT</div> <div>S235JR / SAE 1008</div> |      |      |                                                                          | <div>DIMENSION CONTROL STANDARD h11</div> |       |       |        |       |        |                                                                                                                     |       |        |      |        |       |        |  |  |  |
| <div>INSPECTION: SUPPLIER<br/>CERTIFICATION: SUPPLIER</div>                                                                                                                |                   | <div>STEELMAKEING : BASIC OXYGEN<br/>FURNACE ( BOF)</div> |                     |          |                | <div>TEST RESULTS<br/>(TEST SONUÇLARI)</div>                                                                                                                                                                                                                                       |                            |                          |                                     |                                                                          |      |      |                                                                          |                                           |       |       |        |       |        |                                                                                                                     |       |        |      |        |       |        |  |  |  |
| <div>DESCRIPTION OF DELIVERY<br/>(Sipariş Özellikleri)</div>                                                                                                               |                   |                                                           |                     |          |                | <div>MECHANICAL PROPERTIES<br/>(Mekanik özellikler)</div>                                                                                                                                                                                                                          |                            |                          |                                     | <div>CHEMICAL PROPERTIES ( KİMYASAL ANALİZ )</div>                       |      |      |                                                                          |                                           |       |       |        |       |        |                                                                                                                     |       |        |      |        |       |        |  |  |  |
| HEAT NO                                                                                                                                                                    | SECTION<br>SYMBOL | LENGHT<br>(Mt)                                            | TRANSPORT<br>NUMBER | GRADE    | WEIGHT<br>(kg) | CHARPY TEST<br>at 20 C >27<br>JOUL                                                                                                                                                                                                                                                 | TENSILE<br>STRENGTH<br>Mpa | YIELD<br>STRENGTH<br>Mpa | %<br>ELONGATION<br>(L-L0) / L0<br>% | C %                                                                      | Mn % | Si % | P %                                                                      | S %                                       | Ni %  | Cr %  | Mo %   | % Cu  | V %    | Sn %                                                                                                                | N ppm | Al %   | Pb % | Ti %   | Nb %  | Ceq    |  |  |  |
| 2110334                                                                                                                                                                    | 16                | -                                                         | 2202101286          | SAE 1008 | -              | -                                                                                                                                                                                                                                                                                  | -                          | -                        | -                                   | 0,07                                                                     | 0,44 | 0,16 | 0,017                                                                    | 0,029                                     | 0,016 | 0,018 | 0,0017 | 0,035 | 0,0018 | 0,0031                                                                                                              | 63    | 0,0009 | -    | 0,0016 | 0,016 | 0,151  |  |  |  |
| 2120304                                                                                                                                                                    | 20                | -                                                         | 2202101286          | SAE 1008 | -              | -                                                                                                                                                                                                                                                                                  | -                          | -                        | -                                   | 0,09                                                                     | 0,40 | 0,18 | 0,020                                                                    | 0,028                                     | 0,015 | 0,017 | 0,0017 | 0,037 | 0,0019 | 0,0034                                                                                                              | 66    | 0,0007 | -    | 0,0023 | 0,014 | 0,1643 |  |  |  |
| 2120301                                                                                                                                                                    | 20                | -                                                         | 2202101286          | SAE 1008 | -              | -                                                                                                                                                                                                                                                                                  | -                          | -                        | -                                   | 0,09                                                                     | 0,42 | 0,19 | 0,017                                                                    | 0,027                                     | 0,013 | 0,019 | 0,0019 | 0,033 | 0,0017 | 0,0029                                                                                                              | 66    | 0,0007 | -    | 0,0016 | 0,016 | 0,1676 |  |  |  |
| <div>HOT ROLLED RAW MATERIAL FOR COLD DRAWN BARS</div>                                                                                                                     |                   |                                                           |                     |          |                |                                                                                                                                                                                                                                                                                    |                            |                          |                                     |                                                                          |      |      |                                                                          |                                           |       |       |        |       |        |                                                                                                                     |       |        |      |        |       |        |  |  |  |
| 2110334                                                                                                                                                                    | 14                | 6,00                                                      | 2202101286          | SAE 1008 | 6.730          | -                                                                                                                                                                                                                                                                                  | -                          | -                        | -                                   | 0,07                                                                     | 0,44 | 0,16 | 0,017                                                                    | 0,029                                     | 0,016 | 0,018 | 0,0017 | 0,035 | 0,0018 | 0,0031                                                                                                              | 63    | 0,0009 | -    | 0,0016 | 0,016 | 0,151  |  |  |  |
| 2120304                                                                                                                                                                    | 18                | 6,00                                                      | 2202101286          | SAE 1008 | 3.930          | -                                                                                                                                                                                                                                                                                  | -                          | -                        | -                                   | 0,09                                                                     | 0,40 | 0,18 | 0,020                                                                    | 0,028                                     | 0,015 | 0,017 | 0,0017 | 0,037 | 0,0019 | 0,0034                                                                                                              | 66    | 0,0007 | -    | 0,0023 | 0,014 | 0,1643 |  |  |  |
| 2120301                                                                                                                                                                    | 18                | 6,00                                                      | 2202101286          | SAE 1008 |                | -                                                                                                                                                                                                                                                                                  | -                          | -                        | -                                   | 0,09                                                                     | 0,42 | 0,19 | 0,017                                                                    | 0,027                                     | 0,013 | 0,019 | 0,0019 | 0,033 | 0,0017 | 0,0029                                                                                                              | 66    | 0,0007 | -    | 0,0016 | 0,016 | 0,1676 |  |  |  |
| <div>HOT ROLLED RAW MATERIAL BARS</div>                                                                                                                                    |                   |                                                           |                     |          |                |                                                                                                                                                                                                                                                                                    |                            |                          |                                     |                                                                          |      |      |                                                                          |                                           |       |       |        |       |        |                                                                                                                     |       |        |      |        |       |        |  |  |  |
| 93265                                                                                                                                                                      | 30X10 İZLİ        | 6,00                                                      | 2202101286          | S235JR   | 1.340          | -                                                                                                                                                                                                                                                                                  | 416                        | 284                      | 32                                  | 0,11                                                                     | 0,61 | 0,20 | 0,017                                                                    | 0,022                                     | 0,014 | 0,016 | 0,0019 | 0,042 | 0,0018 | 0,0030                                                                                                              | 63    | 0,0010 | -    | 0,0018 | 0,013 | 0,219  |  |  |  |
| <div>CEQ = C + Mn / 6 + ( Cr + Mo + V ) / 5 + ( Ni + Cu ) / 15</div> <div>CHEMICAL AND MECHANICAL VALUES AND Ceq AND USIGN MATERIAL SUITABLE FOR CONSTRUCTION BEAMS</div>  |                   |                                                           |                     |          |                |                                                                                                                                                                                                                                                                                    |                            |                          |                                     |                                                                          |      |      |                                                                          |                                           |       |       |        |       |        |                                                                                                                     |       |        |      |        |       |        |  |  |  |
| <div>Z 04</div> <div>CE MARKING<br/>(CE MARKALAMA)<br/><br/>2344<br/>2344-CPR-0016</div> |                   |                                                           |                     |          |                | <div>Z 02</div> <div>CHEMICAL AND MECHANICAL TEST BY<br/><br/>Quality Metallurgy and LaboratoryTechnician</div>                                                                                                                                                                    |                            |                          |                                     |                                                                          |      |      |                                                                          |                                           |       |       |        |       |        |                                                                                                                     |       |        |      |        |       |        |  |  |  |
| <div>A 04</div>                                                                                                                                                            |                   |                                                           |                     |          |                | <div>A 02</div>                                                                                                                                                                                                                                                                    |                            |                          |                                     |                                                                          |      |      |                                                                          |                                           |       |       |        |       |        | <div>A 03</div>                                                                                                     |       |        |      |        |       |        |  |  |  |