

|                                                                                                                                             |                                                                                                |  |       |            |
|---------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|--|-------|------------|
| <br>YESIL MAHALLE SANAYI BOLGESI NO:50 78000 KARABUK, TURKEY | <b>MILL TEST CERTIFICATE</b>                                                                   |  | DATE: | 20.02.2023 |
|                                                                                                                                             | THE INSPECTION CERTIFICATE AS PER EN 10204 CLAUSE 3.1 CONFORMING TO THE DEFINITION IN EN 10168 |  | REF:  | 2310375    |

|           |                        |                 |                             |
|-----------|------------------------|-----------------|-----------------------------|
| CUSTOMER: | TO WHOM IT MAY CONCERN | CERTIFICATE NO: | 273-2023                    |
|           |                        | COMMODITY:      | HOT ROLLED STEEL U CHANNELS |

|                   |                 |                 |            |  |  |         | MECHANICAL PROPERTIES |                  |                    |            |                   |                                 |              | CHEMICAL COMPOSITION |                 |                  |       |       |       |      |      |    |    |    |    |    |      |      |        |       |       |                      |
|-------------------|-----------------|-----------------|------------|--|--|---------|-----------------------|------------------|--------------------|------------|-------------------|---------------------------------|--------------|----------------------|-----------------|------------------|-------|-------|-------|------|------|----|----|----|----|----|------|------|--------|-------|-------|----------------------|
| TEST<br>PIECES NO | HEAT<br>NUMBER: | PRODUCT<br>NAME | SIZE IN MM |  |  | QUALITY | TENSION TEST          |                  |                    |            | CHARPY<br>TEST(1) |                                 | BEND<br>TEST | RE-BEND<br>TEST      | FATIGUE<br>TEST | PRODUCT ANALYSIS |       |       |       |      |      |    |    |    |    |    |      |      |        |       |       |                      |
|                   |                 |                 |            |  |  |         | ORIENTATION(2)        | YIELD S.<br>(Re) | TENSILE S.<br>(Rm) | Rm / Re    | ELONGATION        | TEST<br>PIECES<br>WIDTH<br>(mm) |              |                      |                 | VALUE (J/OULE)   | C     | Si    | Mn    | P    | S    | Ti | Cu | Ni | Cr | Mo | V    | Al   | W      | Nb    | N     | CARBON<br>EQUIVALENT |
|                   |                 |                 |            |  |  |         |                       |                  |                    |            |                   |                                 |              |                      |                 |                  | N/mm2 |       | %     | %    | %    | %  | %  | %  | %  | %  | %    | %    | %      | %     | %     | %                    |
|                   |                 |                 |            |  |  |         |                       | 1                | 2202446            | U CHANNELS |                   |                                 | UPEAA        | 140,0                | S235JR          |                  |       | 340,7 | 493,0 | 1,45 | 29,0 | 5  | 63 |    |    |    | 0,12 | 0,18 | 0,5126 | 0,012 | 0,037 | 0,004                |

MESCIER  
Ş İ R K E T L E R G R U B U

|                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                         |                     |
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|     | <b>CE NUMBER:</b> 2344-CPR-0004<br>acc. to audit report numbered 17270-09-01/ÇÜ<br><b>ISO 9001:2015 Certificate No:</b> QMS 19270-01<br><b>ISO 27001:2013 Certificate No:</b> 190801059001<br><b>SIRIM</b> (Certified to MS EN 10025-2:2011)<br><b>Certification Number:</b> PC000941 / PC000942 | WE HEREBY CERTIFY THAT THE MATERIAL HEREIN HAS BEEN MADE AND TESTED IN ACCORDANCE WITH ABOVE SPECIFICATION AND THE RESULTS OF ALL TEST ARE ACCEPTANCE<br><br>(1) VALUES ARE FOR KV150 TEST UNDER ROOM TEMPERATURE<br>(2) "L" MEANS "LOGITUDINAL" "T" MEANS "TRANSVERSE"<br>(3) PRODUCTION, ROLLING TOLERANCE AND ANY OTHER DETAILS ARE AS PER ABOVE REFERENCED CONTRACT | <b>MANUFACTURER</b> |
|                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                         |                     |