

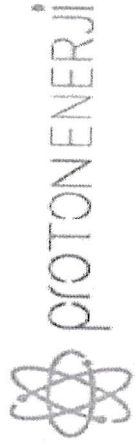



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|  | | Doc. no. : | ITP2023-11 |
| | | Date : | 30.01.2023 |
| | | Reference : | 2023.11 |
| | | Project : | PSB-110-11 |
| | | Customer : | Enerjeh-V.S. |
| PO No. : | | | |
| No. | NAME, METHOD OR TYPE OF INSPECTION OR OPERATION | SPECIFICATIONS ACCEPTANCE NORMS | ACTIVITY |
| | | | PROTON ENERJİ |
| | | | Customer |
| 1.0 | MATERIALS | | |
| 1.1 | Structure Steel | | |
| | Mild Strength Steel: Angle, Channel, Square Tube (Hollow Section) | DIN EN 10025 - DIN EN 10056-1-2 DIN 1026 S235JR or equivalent | P |
| | High Strength Steel : Angle, Channel, Square Tube (Hollow Section) | DIN EN 10025 - DIN EN 10056-1-2 S355J2 or equivalent | P |
| 1.2 | Steel Plates | | |
| | Mild Strength Steel: | DIN EN 10025 - DIN EN 10029 S235JR or equivalent | P |
| | High Strength Steel : | DIN EN 10025 - DIN EN 10029 S355J2 or equivalent | P |
| 1.3 | Material Tests | | |
| | -Mechanical Test | EN 10025 | P |
| | -Charpy Impact test | EN 10045 | P |
| 1.4 | DOCUMENTATION | | |
| | Material Certificate, Material Test Report | | P |
| | | Notes : | |
| A = Approved | | H = Hold point | |
| R = Review | | M = Monitor | |
| W = Witness | | X% = Extent(Random check) | |
| F = First piece | | RI = Random inspection | |
| P = Preparation | | J = See Note | |
| | | Issued by : Okan TARHAN of PROTON ENERJİ | |
| | | Issued date : 30.01.2023 | |
| | | Approved by : Şükri TARHAN of PROTON ENERJİ | |
| | | Approved date : 30.01.2023 | |

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| No. NAME, METHOD OR TYPE OF INSPECTION OR OPERATION | | SPECIFICATIONS ACCEPTANCE NORMS | |
| 2.0 BOLT, NUT AND WASHER | | | |
| 2.1 | Inspection Routine Bolts Nuts Plain Washers Spring Washers | DIN 931 Class 5.8 / EN ISO 4014 DIN 934 Class 5 K DIN 126 DIN 127 | P P P P P P P P P P |
| 2.2 | Bolts Nuts and Washers - Hot Dip Galvanized | EN ISO 1461 | P |
| 2.3 | U-bolt or shackles (if require) | | |
| 2.4 | Material Tests -Mechanical Test / Bolts -Mechanical Test / Nuts | EN ISO 898-1 EN ISO 898-2 | P P R/A/W R/A/W |
| 2.5 | DOCUMENTATION Material Certificate, Material Test Report | | P |
| A = Approved R = Review W = Witness F = First piece P = Preparation | | H = Hold point M = Monitor X% = Extent(Random check) RI = Random inspection J = See Note | |
| Notes : | | | |
| Issued by : Okan TARHAN of PROTON ENERJI | | | |
| Issued date : 30.01.2023 | | | |
| Approved by : Şükrü TARHAN of PROTON ENERJI | | | |
| Approved date : 30.01.2023 | | | |



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| No. NAME, METHOD OR TYPE OF INSPECTION OR OPERATION | | Doc. no. : ITP2023-11 Date : 30.01.2023 Reference : 2023.11 Project : PSB-110-11 Customer : Enerjet-V.S. PO No. : | SPECIFICATIONS ACCEPTANCE NORMS Max thickness = 12 mm Bolt Diameter + 2mm | ACTIVITY PROTON ENERJI Customer |
| 3.0 FABRICATION 3.1 Workmanship 3.2 Punching 3.3 Hole Diameter 3.4 DOCUMENTATION Member Inspection Report (Dimension Inspection Report) | | | | |
| A = Approved R = Review W = Witness F = First piece P = Preparation H = Hold point M = Monitor X% = Extent(Random check) RI = Random inspection J = See Note | | Notes : *(Code of Standard Practice for Steel Buildings and Bridges) Issued by : Onan TARHAN of PROTON ENERJI Issued date : 30.01.2023 Approved by : Şükri TARHAN of PROTON ENERJI Approved date : 30.01.2023 | | |

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| No. NAME, METHOD OR TYPE OF INSPECTION OR OPERATION | | SPECIFICATIONS ACCEPTANCE NORMS | |
| 4.0 HOT DIP GALVANIZING | | EN ISO 1461 | |
| 4.1 Hot Dip Galvanizing General | | (ASTM A123 / A123M-09 / A385 - 03) | |
| Zinc Coating thickness Steel Members t ≥ 6 mm. t < 6 mm. | | Av. thickness : 85 µm - Min thickness : 70 µm Av. thickness : 70 µm - Min thickness : 55 µm | |
| Nuts, Bolts and Washer | | Av. thickness : 50µm - Min thickness : 40µm | |
| 4.2 Tests | | ASTM A90 / A90M - 09 ASTM A153/A153M-09 ASTM A143/A143M-07 ASTM A239-95(2009)e1 ASTM A90 / A90M - 09 | |
| Weight of zinc coating | | P/J | |
| Adherence Test | | P/J | |
| Embrittlement Test | | P/J | |
| Uniformity Test | | P/J | |
| Thickness of coating tests | | P/J | |
| 4.3 DOCUMENTATION | | P | |
| Galvanizing Test Reports | | P | |
| Zinc Thickness Measurement Results | | R | |
| | | R | |
| Notes : | | Notes : | |
| A = Approved | | One set of test shall be carried out for each 50 tons of steel passing through the fabrication plant. | |
| R = Review | | Issued by : Okan TARHAN of PROTON ENERJI | |
| W = Witness | | Issued date : 30.01.2023 | |
| F = First piece | | Approved by : Şükür TARHAN of PROTON ENERJI | |
| P = Preparation | | Approved date : 30.01.2023 | |

