



		Doc. no. :	ITP2023-11	
		Date :	30.01.2023	
		Reference :	2023.11	
		Project :	PB 330-7H	
		Customer :	Enerteh-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	R/A/W
	-Charpy Impact test	EN 10045	P	R/A/W
1.4	DOCUMENTATION			
	Material Certificate, Material Test Report		P	R
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 ENERJİ		
		Issued date : 30.01.2023		
		Approved by : Şükrü TARHAN of PROTON ENERJİ		
		Approved date : 30.01.2023		

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Ticaret Sicil No: 271254
Sincan V.D. 33 076 16 04



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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	
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	R

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 :
PROTON ENERJİ
ENERJİ VE TİCARET ALTYAPU ŞİRKETİ
Issued by : Okan TARHAN of PROTON ENERJİ
Issued date : 30.01.2023
Approved by : Şükrü TARHAN of PROTON ENERJİ
Approved date : 30.01.2023
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Sincan V.D. / 33 070 78 04



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3.0	FABRICATION			
3.1	Workmanship			
3.2	Punching	Max thickness = 12 mm		
3.3	Hole Diameter	Bolt Diameter + 2mm		
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 : Okan TARHAN of PROTON ENERJİ Issued date : 30.01.2023 Approved by : Şükrü TARHAN of PROTON ENERJİ Approved date : 30.01.2023	

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4.0	HOT DIP GALVANIZING			
4.1	Hot Dip Galvanizing General Zinc Coating thickness Steel Members t ≥ 6 mm. t < 6 mm. Nuts, Bolts and Washer	EN ISO 1461 (ASTM A123 / A123M-09 / A385 - 03) Av. thickness : 85 µm - Min thickness : 70 µm Av. thickness : 70 µm - Min thickness : 55 µm Av. thickness : 50µm - Min thickness : 40µm	P/R/M	RI
4.2	Tests Weight of zinc coating Adherence Test Embrittlement Test Uniformity Test Thickness of coating tests	ASTM A90 / A90M - 09 ASTM A153/A153M-09 ASTM A143/A143M-07 ASTM A239-95(2009)e1 ASTM A90 / A90M - 09	P/J P/J P/J P/J P/J	W W W W W
4.3	DOCUMENTATION Galvanizing Test Reports Zinc Thickness Measurement Results		P P	R R

A = Approved
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W = Witness
F = First piece
P = Preparation

H = Hold point
M = Monitor
X% = Extent(Random check)
RI = Random inspection
J = See Note

Notes :
One set of test shall be carried out for each 50 tons of steel passing through the fabrication plant.
Issued by : Okan TARHAN of PROTON ENERJİ VE TİCARET ANONİM ŞİRKETİ
Issued date : 30.01.2023
Approved by : Şükrü TARHAN of PROTON ENERJİ
Approved date : 30.01.2023

PROTON ENERJİ
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Sincan Y.İ. No: 27575/4



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5.0	PACKING - MARKING AND SENDING			
5.1	Standard Procedure Marking Wooden box Delivery	EXWORK/ANKARA	P P P	R/A
5.2	DOCUMENTATION Packing List		P/R/A/H	R
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		PROTON ENERJİ Issued by : Okan TARHAN of PROTON ENERJİ VE TİCARET ANONİM ŞİRKETİ Issued date : 30.01.2023 Approved by : Şükrü TARHAN of PROTON ENERJİ Approved date : 30.01.2023		

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Sınır V.D. 23.079.78.04