PROTON ENERJİ	Doc. no. :	ITP2023-11	
	Date :	30.01.2023	
	Reference :	2023.11	
	Project :	PB 110-15	
	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	H = Hold point	Notes :	
R = Review	M = Monitor		
W = Witness	X% = Extent(Random check)	Issued by : Okan TARHAN of PROTON ENERJI	
F = First piece	RI = Random inspection	Issued date : 30.01.2023	
P = Preparation	J = See Note	Approved by : Şükrü TARHAN of PROTON ENERJI	
		Approved date : 30.01.2023	

PROTON ENERJİ
SANAYİ VE TİCARET ANONİM ŞİRKETİ
Alcı OSB Mah. 2000. Cad. No: 12 Sincan / ANKARA
Tel: 0312 241 43 41 Fax: 0312 815 52 62
Mersis No : 0733076780400001
Ticaret Sicil No: 212697 Sermaye : 10.000.000 TL
Sincan V.D. : 733 076 78 04

PROTONENERJİ	Doc. no. :	ITP2023-11
	Date :	30.01.2023
	Reference :	2023.11
	Project :	PB 110-15
	Customer :	Enerteh-V.S.
	PO No :	

No.	NAME, METHOD OR TYPE OF INSPECTION OR OPERATION	SPECIFICATIONS ACCEPTANCE NORMS	ACTIVITY	
			PROTON ENERJİ	Customer
2.0	**BOLT, NUT AND WASHER**			
2.1	Inspection Routine			
	Bolts	**DIN 931 Class 5.8 / EN ISO 4014**	P	
	Nuts	**DIN 934 Class 5 K**	P	
	Plain Washers	**DIN 126**	P	
	Spring Washers	**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	**EN ISO 898-1**	P	R/A/W
	-Mechanical Test / Nuts	**EN ISO 898-2**	P	R/A/W
2.5	DOCUMENTATION			
	Material Certificate, Material Test Report		P	R

A = Approved	H = Hold point	Notes :
R = Review	M = Monitor	
W = Witness	X% = Extent(Random check)	Issued by : Okan TARHAN of PROTON ENERJI
F = First piece	RI = Random inspection	Issued date : 30.01.2023
P = Preparation	J = See Note	Approved by : Şükrü TARHAN of PROTON ENERJI
		Approved date : 30.01.2023

PROTON ENERJİ
SANAYİ VE TİCARET ANONİM ŞİRKETİ
Alcı OSB Mah. 2000. Cad. No: 12 Sincan / ANKARA
Tel: 0312 241 43 11 Fax: 0312 815 52 62
Mersis No : 0733076780400001
Ticaret Sicil No: 21269X Sermaye : 10.000.000 TL
Sincan V.D. : 733 076 78 04

PROTON ENERJİ	Doc. no. :	ITP2023-11	
	Date :	30.01.2023	
	Reference :	2023.11	
	Project :	PB 110-15	
	Customer :	Enerteh-V.S.	
	PO No :		

No.	NAME, METHOD OR TYPE OF INSPECTION OR OPERATION	SPECIFICATIONS ACCEPTANCE NORMS	ACTIVITY	
			PROTON ENERJİ	Customer
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	H = Hold point	Notes :	
R = Review	M = Monitor	*(Code of Standard Practice for Steel Buildings and Bridges)	
W = Witness	X% = Extent(Random check)	Issued by : Okan TARHAN of PROTON ENERJI	
F = First piece	RI = Random inspection	Issued date : 30.01.2023	
P = Preparation	J = See Note	Approved by : Şükrü TARHAN of PROTON ENERJI	
		Approved date : 30.01.2023	

PROTON ENERJİ
SANAYİ VE TİCARET ANONİM ŞİRKETİ
Alcı OSB Mah. 2000. Cad. No: 12 Sincan / ANKARA
Tel: 0312 241 43 41 Fax: 0312 815 52 62
Mersis No : 0733076780400001
Ticaret Sicil No: 212697 Sermaye :10.000.000 TL
Sincan V.D. : 733 076 78 04

PROTON ENERJİ	Doc. no. :	ITP2023-11
	Date :	30.01.2023
	Reference :	2023.11
	Project :	PB 110-15
	Customer :	Enerteh-V.S.
	PO No :	

No.	NAME, METHOD OR TYPE OF INSPECTION OR OPERATION	SPECIFICATIONS ACCEPTANCE NORMS	ACTIVITY	
			PROTON ENERJİ	Customer
4.0	**HOT DIP GALVANIZING**			
4.1	Hot Dip Galvanizing General	**EN ISO 1461 (ASTM A123 / A123M-09 / A385 - 03)**	P/RI/M	RI
	Zinc Coating thickness			
	Steel Members			
	t ≥ 6 mm.	**Av. thickness : 85 µm - Min thickness : 70 µm**		
	t < 6 mm.	**Av. thickness : 70 µm - Min thickness : 55 µm**		
	Nuts, Bolts and Washer	**Av. thickness : 50µm - Min thickness : 40µm**		
4.2	Tests			
	Weight of zinc coating	**ASTM A90 / A90M - 09**	P/J	W
	Adherence Test	**ASTM A153/A153M-09**	P/J	W
	Embrittlement Test	**ASTM A143/A143M-07**	P/J	W
	Uniformity Test	**ASTM A239-95(2009)e1**	P/J	W
	Thickness of coating tests	**ASTM A90 / A90M - 09**	P/J	W
4.3	DOCUMENTATION			
	Galvanizing Test Reports		P	R
	Zinc Thickness Measurement Results		P	R

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

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 ENERJI	
Issued date : 30.01.2023	
Approved by : Şükrü TARHAN of PROTON ENERJI	
Approved date : 30.01.2023	

PROTON ENERJİ
SANAYİ VE TİCARET ANONİM ŞİRKETİ
Alcı OSB Mah. 2000. Cad. No: 12 Sincan / ANKARA
Tel: 0312 241 43 11 Fax: 0312 815 52 62
Mersis No: 0733076780400001
Ticaret Sicil No: 212697 Sermaye :10.000.000 TL
Sincan V.D. : 733 076 78 04

PROTON ENERJİ	Doc. no. :	ITP2023-11	
	Date :	30.01.2023	
	Reference :	2023.11	
	Project :	PB 110-15	
	Customer :	Enerteh-V.S.	
	PO No :		

No.	NAME, METHOD OR TYPE OF INSPECTION OR OPERATION	SPECIFICATIONS ACCEPTANCE NORMS	ACTIVITY	
			PROTON ENERJİ	Customer
5.0	**PACKING - MARKING AND SENDING**			
5.1	Standard Procedure			
	Marking		P	R/A
	Wooden box		P	
	Delivery	**EXWORK/ANKARA**	P	
5.2	DOCUMENTATION			
	Packing List		P/R/A/H	R

A = Approved	H = Hold point	Notes :	
R = Review	M = Monitor		
W = Witness	X% = Extent(Random check)	Issued by : Okan TARHAN of PROTON ENERJI	
F = First piece	RI = Random inspection	Issued date : 30.01.2023	
P = Preparation	J = See Note	Approved by : Şükrü TARHAN of PROTON ENERJI	
		Approved date : 30.01.2023	

Digitally signed by Chirița Andrei
Date: 2024.08.12 12:28:54 EEST
Reason: MoldSign Signature
Location: Moldova
MOLDOVA EUROPEANĂ

PROTON ENERJİ
SANAYİ VE TİCARET ANONİM ŞİRKETİ
Alcı OSB Mah. 2000. Cad. No: 12 Sincan / ANKARA
Tel: 0312 241 42 11 Fax: 0312 815 52 62
Mersis No : 0733076780400001
Ticaret Sicil No: 212697 Sermaye :10.000.000 TL
Sincan V.D. : 733 076 78 04