

Test Performed by: Dr. Syed Asad Ali Gilani

Asst Dir Lab
Naveed Ahmad
DHA Bahawalpur
(Fanoos Chandeliers Chain Testing at Masjid Sector-A)

Client Reference No.: 530/QC/MTL

Dated: 03-10-2024

SOM Lab Ref: CED/SOM/4935 (P-1/1)

Dated: 07-10-2024

Test Type: Load Test

Sample Type: Fanoos Chandeliers Chain

Load Test:

S No	Sample Type	Ultimate Load (kN)	Remarks
1	Fanoos Chandeliers Chain	4.5	Sample breaks at this load
2	Fanoos Chandeliers Chain	9.20	Sample breaks at this load
3	Fanoos Chandeliers Chain	13.5	Sample breaks at this load

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Waqas Ahmed Ghumman, PM
 High-Q Constructions Lhr. (Const Of High-Q Mall at 3-A Gulberg II Lahore)

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: QC/HQ/CIVIL/239
SOM Lab Ref: CED/SOM/4936 (Page-1/1)
Test: Tension Test & Bend Test
Sample Type: Deformed Bar

Dated: 06-10-2024
Dated: 07-10-2024
Test Specification: ASTM-A 615
Gauge Length: 200 mm

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	2.462	25	20.00	491	314	161.00	209.20	328	513	426	667	27.5	200	13.8	
2	2.436	25	19.88	491	310	158.20	208.70	322	510	425	673	27.5	200	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

20mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Sheikh Maqbool, RE
NESPAK Lahore.(Renovation of Gaddafi Stadium Lahore Project)

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: RE/4521/04/MH/22
SOM Lab Ref: CED/SOM/4939 (Page-1/1)
Test: Tension Test & Bend Test
Sample Type: Deformed Bar (Mughal Steel)

Dated: 07-10-2024
Dated: 07-10-2024
Test Specification: ASTM-A 615
Gauge Length: 200 mm

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.864	25	25.03	398	492	258.50	342.20	650	526	861	696	25.0	200	12.5	
2	3.866	25	25.04	398	492	257.00	342.50	646	522	861	696	30.0	200	15.0	
3	2.451	20	19.94	314	312	147.20	193.00	469	472	614	619	32.5	200	16.3	
4	2.431	20	19.86	314	310	147.70	195.70	470	477	623	632	35.0	200	17.5	
5	0.876	12	11.92	113	112	56.00	73.00	495	502	645	655	30.0	200	15.0	
6	0.875	12	11.92	113	112	58.20	75.20	515	522	665	675	27.5	200	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
20mm	Sample bend through 180 degrees Satisfactorily without any crack	
12mm	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Mehmood Iqbal Cheema,RE

Test Performed By:

Dr. /Engr.

Irfan Ul Hassan

Nespak-Turk Pak JV,MCH Bwn.(Estb Of General Hospital at Distt Bahawalnager)

Client Reference: 4460/13/MIAC/04/408

SOM Lab

Ref:

4934 (Page-1/3)

Dated: 04-10-2024

Dated:

07-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.488	6	0.746	0.44	0.437	15.29	20.20	76640	77170	101270	101970	1.20	8.0	15.0	
2	1.479	6	0.744	0.44	0.435	14.58	19.47	73070	73910	97590	98710	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Mehmood Iqbal Cheema,RE

Test Performed By:

Dr. /Engr.

Irfan Ul Hassan

Nespak-Turk Pak JV,MCH Bwn.(Estb Of General Hospital at Distt Bahawalnager)

Client Reference: 4460/13/MIAC/04/400

SOM Lab

Ref:

4934 (Page-2/3)

Dated: 25-09-2024

Dated:

07-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.650	8	0.996	0.79	0.779	23.34	32.31	65170	66090	90210	91490	1.40	8.0	17.5	
2	2.658	8	0.997	0.79	0.781	23.24	32.49	64890	65630	90700	91740	1.50	8.0	18.8	
3	1.481	6	0.744	0.44	0.435	14.73	19.37	73830	74680	97080	98200	1.10	8.0	13.8	
4	1.493	6	0.748	0.44	0.439	13.91	19.03	69750	69910	95400	95610	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Mehmood Iqbal Cheema,RE

Test Performed By:

Dr. /Engr.

Irfan UI Hassan

Nespak-Turk Pak JV,MCH Bwn.(Estb Of General Hospital at Distt Bahawalnager)

Client Reference: 4460/13/MIAC/04/409

SOM Lab

Ref:

4934 (Page-3/3)

Dated: 04-10-2024

Dated:

07-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (FF Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.675	8	1.000	0.79	0.786	26.81	34.53	74850	75230	96390	96880	1.50	8.0	18.8	
2	2.665	8	0.998	0.79	0.783	26.10	33.89	72850	73510	94620	95470	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Sheikhoo Steel

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Dir Projects Sheikhoo Sugar Mills Anwar Abad Kot Addu, Muzaffargarh.

Client Reference: Nil

SOM Lab

Ref: 4937 (Page-1/1)

Dated: 06-10-2024

Dated: 07-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Sheikhoo Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.673	8	1.000	0.79	0.786	25.23	34.37	70440	70790	95960	96450	1.40	8.0	17.5	
2	1.482	6	0.745	0.44	0.436	13.68	19.27	68570	69200	96570	97460	1.50	8.0	18.8	
3	0.667	4	0.500	0.20	0.196	6.44	8.58	71040	72490	94650	96580	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

--	No Bend test performed	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Muhammad Hassan Khan

Test Performed By:

Dr. /Engr. Irfan UI Hassan

RE NESPAK Lahore.(PCC/Drainage Scheme/Sewerage Scheme AHLU)

Client Reference: 3772/103/MHK/ADP/Ahlu/15

SOM Lab

Ref: 4938 (Page-1/1)

Dated: 02-09-2024

Dated: 07-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Naveena Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.664	4	0.498	0.20	0.195	6.34	8.15	69920	71710	89930	92230	1.10	8.0	13.8	
2	0.668	4	0.500	0.20	0.196	6.27	7.67	69130	70540	84530	86260	1.20	8.0	15.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Talat Mehmood
Kasur

Test Performed By: Dr. /Engr. Asad Ali Gillani

Client Reference: Nil

SOM Lab

Ref: 4940 (Page-1/1)

Dated: 07-10-2024

Dated: 07-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	1.694	6	0.796	0.44	0.498	16.56	22.34	83030	73360	112000	98960	1.50	8.0	18.8	
2	0.625	4	0.484	0.20	0.184	5.93	7.70	65420	71110	84870	92250	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

--	No Bend test performed	Note:- Only Two Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Tariq Fetah

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM Jilani Poly Construction.(Const Of Jilani Poly-2 Gravaure Extension Sheikhpora)

Client Reference: JP-2/UET/2024/S-005

SOM Lab

Ref:

4941 (Page-1/1)

Dated: 07-10-2024

Dated:

07-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (SJ Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.605	8	0.988	0.79	0.766	27.57	34.91	76980	79390	97470	100520	1.10	8.0	13.8	
2	2.596	8	0.986	0.79	0.763	27.88	35.09	77830	80590	97950	101420	1.20	8.0	15.0	
3	1.479	6	0.744	0.44	0.435	13.37	18.09	67040	67810	90690	91740	1.30	8.0	16.3	
4	1.481	6	0.744	0.44	0.435	14.09	18.40	70620	71430	92230	93290	1.20	8.0	15.0	
5	0.671	4	0.501	0.20	0.197	6.68	8.26	73630	74750	91050	92440	1.20	8.0	15.0	
6	0.667	4	0.500	0.20	0.196	6.57	8.28	72510	73990	91280	93140	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 6	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

Signals HQ 30 Corp

Test Performed By: Dr. /Engr. Asad Ali Gillani

Rahwali Cantt Guj.(Const Of FCN,1-Narowal,2-Tapiala,3-Jassar,4-Antowali,5-Rakh Baba Bhureshah)

Client Reference: Nil

SOM Lab

Ref: 4942 (Page-1/1)

Dated: 07-10-2024

Dated: 07-10-2024

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aziz Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	0.673	4	0.502	0.20	0.198	5.52	8.23	60930	61540	90720	91630	1.20	8.0	15.0	
2	0.666	4	0.500	0.20	0.196	5.45	8.18	60140	61370	90150	91990	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Three Samples Received and Tested

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

M. Yasir Kiani, RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

JCP Wahga NESPAK. (Expension Of Joint Check Post Wahga, Lahore)

Client Reference: 4749/031/YK/01/75

SOM Lab

Ref: 4943 (Page-1/1)

Dated: 07-10-2024

Dated: 07-10-2024

Test: Tension Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Aziz Steel)

S.No.	Weight	Dia.		Area		Yield Load	Ultimate Load	Yield Stress		Ult. Stress		Elongation	Gauge Length	%age Elongation	Remarks
		Nominal	Calculated	Nominal	Calculated			(according to nominal area)	(according to measured area)	(according to nominal area)	(according to measured area)				
	lb/ft	#	in	in ²	in ²	Tons	Tons	psi	psi	psi	psi	in	in	%	
1	2.644	8	0.995	0.79	0.777	23.36	38.71	65230	66320	108060	109860	1.30	8.0	16.3	
2	2.643	8	0.995	0.79	0.777	23.26	38.94	64940	66030	108710	110530	1.30	8.0	16.3	
3	1.476	6	0.743	0.44	0.434	12.71	20.56	63720	64600	103060	104480	1.10	8.0	13.8	
4	1.482	6	0.745	0.44	0.436	13.07	21.07	65510	66110	105610	106580	1.10	8.0	13.8	
5	0.664	4	0.498	0.20	0.195	5.90	8.92	65090	66760	98360	100880	1.00	8.0	12.5	
6	0.664	4	0.498	0.20	0.195	5.73	9.07	63180	64800	100050	102610	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 4	Sample bend through 180 degrees Satisfactorily without any crack	

Note: Please always confirm the results of above report on web www.uet-civil.edu.pk

