

Test Performed by: .S. Asad Ali Gillani

Masood
POWERMECH
Solution Pvt. Ltd. Karachi
Client Reference No.: Nil

Dated: 29-04-2024

SOM Lab Ref: CED/SOM/4039 (Page 1/5)

Dated: 30-04-2024

Test Type: Load Test

Sample Type: Rubber Lined Clamp (Brand: Diamond)

Load Test Results

Sr No.	Sample Type	Proof Load (Kg)	Remarks
1	Rubber Lined Clamp (Size 4")	200	Sample deforms at this proof load but remains safe without any cracking
2	Rubber Lined Clamp (Size 4")	200	Sample deforms at this proof load but remains safe without any cracking

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

Test Performed by: .S. Asad Ali Gillani

Masood
POWERMECH
Solution Pvt. Ltd. Karachi
Client Reference No.: Nil

Dated: 29-04-2024

Dated: 30-04-2024

SOM Lab Ref: CED/SOM/4039 (Page 2/5)

Test Type: Load Test

Sample Type: Rubber Lined Clamp (Brand: Diamond)

Load Test Results

Sr No.	Sample Type	Proof Load (Kg)	Remarks
3	Rubber Lined Clamp (Size 3")	200	Sample deforms at this proof load but remains safe without any cracking
4	Rubber Lined Clamp (Size 3")	200	Sample deforms at this proof load but remains safe without any cracking

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

Test Performed by: .S. Asad Ali Gillani

Masood
POWERMECH
Solution Pvt. Ltd. Karachi
Client Reference No.: Nil

Dated: 29-04-2024

SOM Lab Ref: CED/SOM/4039 (Page 3/5)

Dated: 30-04-2024

Test Type: Load Test

Sample Type: Rubber Lined Clamp (Brand: Diamond)

Load Test Results

Sr No.	Sample Type	Proof Load (Kg)	Remarks
5	Rubber Lined Clamp (Size 2")	200	Sample deforms at this proof load but remains safe without any cracking
6	Rubber Lined Clamp (Size 2")	200	Sample deforms at this proof load but remains safe without any cracking

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

Test Performed by: .S. Asad Ali Gillani

Masood
POWERMECH
Solution Pvt. Ltd. Karachi
Client Reference No.: Nil

Dated: 29-04-2024

SOM Lab Ref: CED/SOM/4039 (Page 4/5)

Dated: 30-04-2024

Test Type: Load Test

Sample Type: Sprinkler Clamp (Brand: Diamond)

Load Test Results

Sr No.	Sample Type	Proof Load (Kg)	Remarks
1	Sprinkler Clamp (Size 1")	200	Sample deforms at this proof load but remains safe without any cracking
2	Sprinkler Clamp (Size 1")	200	Sample deforms at this proof load but remains safe without any cracking

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

Test Performed by: .S. Asad Ali Gillani

Masood
POWERMECH
Solution Pvt. Ltd. Karachi
Client Reference No.: Nil

Dated: 29-04-2024

Dated: 30-04-2024

SOM Lab Ref: CED/SOM/4039 (Page 5/5)

Test Type: Load Test

Sample Type: Sprinkler Clamp (Brand: Diamond)

Load Test Results

Sr No.	Sample Type	Proof Load (Kg)	Remarks
3	Sprinkler Clamp (Size 1 ¼")	200	Sample deforms at this proof load but remains safe without any cracking
4	Sprinkler Clamp (Size 1 ¼")	200	Sample deforms at this proof load but remains safe without any cracking

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

M/S Taha Associates
Faisalabad

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

Client Reference: Nil

SOM Lab

Ref: 4011 (Page-1/1)

Dated: 26-04-2024

Dated: 26-04-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

ASTM-A-615

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	2.612	8	0.989	0.79	0.768	30.48	37.02	85090	87530	103360	106320	1.20	8.0	15.0	
2	2.603	8	0.987	0.79	0.765	30.58	37.23	85380	88170	103930	107330	1.30	8.0	16.3	
3	1.460	6	0.739	0.44	0.429	14.53	18.93	72810	74680	94880	97320	1.20	8.0	15.0	
4	1.470	6	0.742	0.44	0.432	14.14	18.55	70870	72180	92990	94720	1.00	8.0	12.5	
5	0.666	4	0.500	0.20	0.196	5.71	8.28	62950	64240	91280	93140	1.30	8.0	16.3	
6	0.661	4	0.497	0.20	0.194	5.73	8.36	63180	65130	92180	95030	1.40	8.0	17.5	
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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

Dr.Khalil Ahmad, PM

Test Performed By: Dr. /Engr. Nauman Khurram

PHCIP-P&SHD Lhr.(Two Story Pre-fabricated Office Building at PHCIP 05-Montgomery Road Lhr)

Client Reference: PIU-H/PHCIP/PM/520/2024

SOM Lab

Ref: 4031 (Page-1/1)

Dated: 29-04-2024

Dated: 30-04-2024

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	0.674	4	0.502	0.20	0.198	6.42	8.61	70820	71540	94990	95950	1.20	8.0	15.0	
2	0.669	4	0.501	0.20	0.197	6.39	8.66	70480	71560	95550	97000	1.30	8.0	16.3	
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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

Director

Test Performed By: Dr. /Engr.

Nauman
Khaurram

M/S Premier Town Developers.(Foundation of Jamia Masjid at Al Hamra Town Lhr)

Client Reference: PTDC/186

SOM Lab

Ref: 4032 (Page-1/1)

Dated: 25-04-2024

Dated: 30-04-2024

Test: Tension Test 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	1.480	6	0.744	0.44	0.435	14.58	19.95	73070	73910	99990	101140	1.20	8.0	15.0	
2	1.481	6	0.744	0.44	0.435	14.60	19.98	73170	74010	100150	101300	1.40	8.0	17.5	
3	0.665	4	0.498	0.20	0.195	5.63	7.72	62050	63640	85100	87280	1.10	8.0	13.8	
4	0.667	4	0.500	0.20	0.196	5.68	7.75	62610	63890	85430	87180	1.10	8.0	13.8	
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BEND TEST:

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

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

Project Manager
Tawasul Developers (Pvt) Ltd Lahore (Creek Tower 6-D Upper Mall Lahore)

Test Performed By: Dr. /Engr. Asad Ali

Client Reference: Nil

SOM Lab

Ref: 4033 (Page-1/1)

Dated: 29-04-2024

Dated: 30-04-2024

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	2.639	8	0.994	0.79	0.776	27.19	35.68	75900	77270	99600	101400	1.50	8.0	18.8	
2	1.501	6	0.749	0.44	0.441	13.78	19.37	69080	68930	97080	96860	1.30	8.0	16.3	
3	0.667	4	0.500	0.20	0.196	6.75	8.63	74420	75940	95210	97150	1.20	8.0	15.0	
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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	
# 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

Executive Engineer

Test Performed By:

Dr. /Engr. Nauman Khurram

Highway Div NankanaSahib.(ReConst Bridges on Daig Nullah Village Distt Nankana Sahib)

Client Reference: 584/M/CB

SOM Lab

Ref: 4034 (Page-1/1)

Dated: 23-04-2024

Dated: 30-04-2024

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	2.670	8	1.000	0.79	0.785	24.69	34.51	68930	69370	96330	96940	1.50	8.0	18.8	
2	1.504	6	0.750	0.44	0.442	13.73	19.47	68830	68520	97590	97150	1.30	8.0	16.3	
3	0.670	4	0.501	0.20	0.197	6.49	8.97	71610	72700	98920	100430	1.00	8.0	12.5	
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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	
# 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

Resident Engineer
 ECSP Lahore.(Revamping of Children Hospital Lahore)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: ECSP/RE/386/24

SOM Lab

Ref: 4035 (Page-1/1)

Dated: 03-02-2024

Dated: 30-04-2024

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Amreli 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	0.669	4	0.501	0.20	0.197	6.57	8.63	72510	73610	95210	96660	1.30	8.0	16.3	
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BEND TEST:

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

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

Sub Divisional officer,

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

MSD No.II,GOR-III Lhr.(Const Of Multistorey Building For Residences For Staff Colony at Chauburgi)

Client Reference: 338 sd/Gor-III,Lhr

SOM Lab

Ref: 4036 (Page-1/1)

Dated: 14-03-2024

Dated: 30-04-2024

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	2.671	8	1.000	0.79	0.785	22.94	37.56	64030	64440	104870	105540	1.40	8.0	17.5	
2	2.664	8	0.998	0.79	0.783	23.26	37.64	64940	65520	105070	106010	1.30	8.0	16.3	
3	1.490	6	0.747	0.44	0.438	12.41	19.24	62190	62470	96420	96860	1.40	8.0	17.5	
4	1.487	6	0.746	0.44	0.437	12.23	19.13	61320	61740	95910	96560	1.40	8.0	17.5	
5	0.658	4	0.496	0.20	0.193	6.22	8.53	68570	71060	94090	97500	1.30	8.0	16.3	
6	0.658	4	0.496	0.20	0.193	6.22	8.53	68570	71060	94090	97500	1.20	8.0	15.0	
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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

Raja Muhammad Aqeel

Test Performed By:

Dr. /Engr.

Nauman Khurram

Astt Dir. Building Section DHA Gujranwala. (Const Of 10 Marla Villas Block-A)

Client Reference: 111/3/AD Bldgs/Lab/1306

SOM Lab

Ref:

4037 (Page-1/1)

Dated: 03-04-2024

Dated:

30-04-2024

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	1.486	6	0.746	0.44	0.437	14.85	19.44	74450	74960	97440	98110	1.50	8.0	18.8	
2	1.489	6	0.747	0.44	0.438	15.49	19.83	77670	78020	99380	99830	1.20	8.0	15.0	
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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

Engineer Muhammad Irshad
 Dy Dir Dev. DHA Gujranwala.(Const of Sec Comm Shops (Villas Space))

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 111/3/AD/Dev/Techno Time/31

SOM Lab

Ref: 4038 (Page-1/1)

Dated: 11-03-2024

Dated: 30-04-2024

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	1.449	6	0.736	0.44	0.426	14.34	18.17	71890	74260	91050	94040	1.40	8.0	17.5	
2	1.459	6	0.739	0.44	0.429	14.55	18.37	72910	74780	92070	94440	1.40	8.0	17.5	
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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

Maj Ghulam Abbas
ADH (QA) Centre Lahore.

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 30/61/HD/QA/11001

SOM Lab

Ref: 4040 (Page-1/1)

Dated: 24-04-2024

Dated: 30-04-2024

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	1.486	6	0.746	0.44	0.437	13.27	18.60	66530	66980	93250	93890	1.10	8.0	13.8	
2	1.472	6	0.743	0.44	0.433	13.58	19.24	68060	69160	96420	97980	1.20	8.0	15.0	
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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

Sub Divisional officer,
 BSD No.16,Lhr.(Const Of Smart Police Station Johar Town Lahore)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 370

SOM Lab

Ref: 4041 (Page-1/1)

Dated: 19-02-2024

Dated: 30-04-2024

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	1.514	6	0.753	0.44	0.445	15.41	21.43	77260	76390	107400	106200	1.10	8.0	13.8	
2	1.492	6	0.747	0.44	0.438	15.36	21.17	77000	77350	106130	106610	1.30	8.0	16.3	
3	0.684	4	0.506	0.20	0.201	6.70	8.89	73850	73490	98020	97530	1.10	8.0	13.8	
4	0.676	4	0.503	0.20	0.199	6.93	8.92	76440	76820	98360	98850	1.10	8.0	13.8	
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BEND TEST:

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

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

Sub Divisional officer,
 BSD No.16,Lhr.(Const Of Smart Police Station Quaid-e-Azam Estate Lahore)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: 362

SOM Lab

Ref: 4042 (Page-1/1)

Dated: 19-02-2024

Dated: 30-04-2024

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	1.468	6	0.741	0.44	0.431	15.60	21.51	78180	79810	107810	110060	1.20	8.0	15.0	
2	1.465	6	0.741	0.44	0.431	15.46	21.15	77510	79130	106020	108240	1.20	8.0	15.0	
3	0.667	4	0.500	0.20	0.196	6.90	8.82	76100	77660	97230	99220	1.30	8.0	16.3	
4	0.673	4	0.502	0.20	0.198	6.95	9.09	76660	77440	100270	101280	1.20	8.0	15.0	
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BEND TEST:

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

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