

Sub Divisional Officer,

Test Performed By:

Dr. /Engr. Nauman Khurram

BSD,Hafizabad.(Upgradation Of DHQ Hospital Hafizabad,Const Of Main Hospital Block No.1)

Client Reference: 1865/HZ

SOM Lab

Ref: 1294 (Page-1/1)

Dated: 22-11-2022

Dated: 23-11-2022

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	2.651	8	0.996	0.79	0.779	24.62	35.39	68730	69700	98810	100200	1.60	8.0	20.0	
2	2.646	8	0.995	0.79	0.778	24.94	35.68	69640	70710	99600	101140	1.50	8.0	18.8	
3	1.480	6	0.744	0.44	0.435	13.30	18.25	66680	67450	91460	92510	1.50	8.0	18.8	
4	1.485	6	0.745	0.44	0.436	13.25	18.30	66430	67040	91720	92560	1.50	8.0	18.8	
5	0.675	4	0.502	0.20	0.198	5.71	8.02	62950	63590	88470	89360	1.50	8.0	18.8	
6	0.676	4	0.503	0.20	0.199	5.66	7.95	62390	62700	87680	88120	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

Abdul Qadir Ali
Lahore.(80/81 L Model Town Lahore)

Test Performed By: Dr. /Engr. Nauman Khurram

Client Reference: Nil

SOM Lab

Ref: 1295 (Page-1/1)

Dated: 23-11-2022

Dated: 23-11-2022

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	2.733	8	1.011	0.79	0.803	28.29	37.16	78970	77690	103730	102050	1.30	8.0	16.3	
2	2.751	8	1.014	0.79	0.808	29.36	38.38	81960	80130	107140	104760	1.40	8.0	17.5	
3	1.481	6	0.744	0.44	0.435	14.02	18.78	70260	71070	94120	95200	1.30	8.0	16.3	
4	1.495	6	0.748	0.44	0.439	14.22	18.83	71280	71440	94370	94590	1.50	8.0	18.8	
5	0.680	4	0.505	0.20	0.200	6.42	8.58	70820	70820	94650	94650	1.10	8.0	13.8	
6	0.677	4	0.503	0.20	0.199	6.34	8.56	69920	70270	94420	94900	1.10	8.0	13.8	
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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

Asif Shahzad

Test Performed By:

Dr. /Engr. Nauman Khurram

Project Engr. JV Building Section DHA Gujranwala.(Const Of Office Vomplex DHA Gujranwala)

Client Reference: 111/3/PE JV Bldgs/GEN/07

SOM Lab

Ref: 1296 (Page-1/1)

Dated: 22-11-2022

Dated: 23-11-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (AFCO 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	2.658	8	0.997	0.79	0.781	29.10	35.27	81250	82190	98470	99600	1.40	8.0	17.5	
2	2.666	8	0.998	0.79	0.783	28.61	34.88	79880	80600	97380	98250	1.30	8.0	16.3	
3	1.494	6	0.748	0.44	0.439	16.87	19.69	84560	84760	98720	98940	1.10	8.0	13.8	
4	1.386	6	0.720	0.44	0.407	16.82	19.67	84310	91140	98610	106610	1.00	8.0	12.5	
5	1.066	5	0.631	0.31	0.313	11.93	14.53	84850	84040	103340	102350	1.10	8.0	13.8	
6	1.078	5	0.635	0.31	0.317	11.74	14.32	83550	81700	101890	99640	1.00	8.0	12.5	
7	0.649	4	0.493	0.20	0.191	6.75	8.38	74420	77920	92400	96760	1.10	8.0	13.8	
8	0.644	4	0.491	0.20	0.189	6.54	8.15	72170	76370	89930	95160	1.00	8.0	12.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
# 6	Sample bend through 180 degrees Satisfactorily without any crack	
# 5	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

Asif Pervaiz Butt
RE Ritz Developers Pvt. Ltd.

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

Client Reference: Nil
Dated: 23-11-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 1297 (Page-1/1)
Dated: 23-11-2022
Test Specification: ASTM-A-615
Sample Type: Deformed Bar (AF 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	0.663	4	0.498	0.20	0.195	6.73	8.36	74190	76090	92180	94540	1.00	8.0	12.5	
2	0.664	4	0.498	0.20	0.195	7.24	8.58	79810	81860	94650	97080	1.10	8.0	13.8	
3	0.670	4	0.501	0.20	0.197	6.54	8.28	72170	73270	91280	92670	1.00	8.0	12.5	
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BEND TEST:

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

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

M. Tariq Shahzad
 Exec Dir Projects, The Lake City Developers (Pvt) Ltd Lahore.

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

Client Reference: LCRG/Test/012
Dated: 23-11-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 1299 (Page-1/3)
Dated: 23-11-2022
Test Specification: ASTM-A-615
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	0.671	4	0.501	0.20	0.197	6.17	9.14	68010	69050	100830	102370	1.20	8.0	15.0	
2	0.661	4	0.497	0.20	0.194	6.09	9.12	67110	69190	100610	103720	1.20	8.0	15.0	
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Witnessed By: M.Bilal (QC Inspector of Unison Pvt)

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. Tariq Shahzad
 Exec Dir Projects, The Lake City Developers (Pvt) Ltd Lahore.

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

Client Reference: LCRG/Test/014
Dated: 23-11-2022
Test: Tension Test & Bend Test
Gauge Length: 8 inch

Test Specification: ASTM-A-615
Sample Type: Deformed Bar

SOM Lab
Ref: 1299 (Page-2/3)
Dated: 23-11-2022

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	2.663	8	0.998	0.79	0.783	29.23	36.80	81590	82320	102730	103650	1.20	8.0	15.0	
2	2.662	8	0.998	0.79	0.782	28.54	36.14	79680	80500	100880	101920	1.30	8.0	16.3	
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Witnessed By: M.Bilal (QC Inspector of Unison Pvt)

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

M. Tariq Shahzad
 Exec Dir Projects, The Lake City Developers (Pvt) Ltd Lahore.

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

Client Reference: LCRG/Test/013

SOM Lab

Ref: 1299 (Page-3/3)

Dated: 23-11-2022

Dated: 23-11-2022

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	1.404	6	0.725	0.44	0.413	15.01	19.27	75210	80130	96570	102880	1.10	8.0	13.8	
2	1.413	6	0.727	0.44	0.415	14.78	18.98	74090	78550	95140	100870	1.20	8.0	15.0	
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Witnessed By: M.Bilal (QC Inspector of Unison Pvt)

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,

Test Performed By:

Dr. /Engr.

Nauman Khurram

BSD Chakwal.(Estb of Uni Of Chakwal, Const Of Female Hostel Ground/First Floor With Add Items)

Client Reference: 559/CKW

SOM Lab

Ref:

1300 (Page-1/2)

Dated: 15-04-2022

Dated:

23-11-2022

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	2.662	8	0.998	0.79	0.782	24.84	34.83	69350	70060	97240	98240	1.30	8.0	16.3	
2	1.510	6	0.752	0.44	0.444	11.44	17.81	57330	56810	89260	88460	1.30	8.0	16.3	
3	0.672	4	0.501	0.20	0.197	6.98	8.97	77000	78170	98920	100430	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

Sub Divisional Officer,

Test Performed By:

Dr. /Engr.

Nauman Khurram

BSD Chakwal.(Const Of MultiPurpose Conference Hall Auditorium And Restaurant at Kallar Kahar)

Client Reference: 1430/CKL

SOM Lab

Ref:

1300 (Page-2/2)

Dated: 14-10-2022

Dated:

23-11-2022

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	2.621	8	0.990	0.79	0.770	29.05	34.63	81110	83210	96670	99180	1.30	8.0	16.3	
2	1.469	6	0.742	0.44	0.432	15.09	18.93	75620	77020	94880	96640	1.50	8.0	18.8	
3	0.563	4	0.458	0.20	0.165	8.61	10.14	94990	115130	111850	135570	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