

Arfan Nazir

Test Performed By:

Dr. /Engr. Wasim abbas

Manager Civil,Nishat Mills Ltd.Lhr. (Nishat Group) (Const Of Nishat Stitching Bath div U-95 Lahore)

1103(Page-

Client Reference: NDF/ST/008

SOM Lab Ref:

1/1)

Dated: 18-10-2022

Dated:

18-10-2022

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

Sample Type:

Deformed Bar (Kamran 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)				
	kg/m	mm	mm	mm ²	mm ²	kN	kN	MPa	MPa	MPa	MPa	mm	mm	%	
1	3.818	25	24.88	491	486	226.20	320.50	461	466	653	660	37.5	200	18.8	
2	3.857	25	25.01	491	491	228.20	322.70	465	465	657	657	35.0	200	17.5	
3	2.488	20	20.09	314	317	141.50	205.50	451	447	654	649	37.5	200	18.8	
4	2.487	20	20.08	314	317	140.70	205.50	448	445	654	649	37.5	200	18.8	
5	0.887	12	11.99	113	113	52.50	76.70	465	465	679	680	32.5	200	16.3	
6	0.878	12	11.94	113	112	52.70	78.50	466	471	695	702	32.5	200	16.3	
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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	

Sub Divisional officer,

Test Performed By:

Dr. /Engr. Wasim Abbas

PHE:Sub Div Fsd.(Roof Slab For Reh Rural Water Supply Scheme Chak No 531/GB The/Distt Fsd)

Client Reference: 1027

SOM Lab 1095 (Page-

Ref: 1/1)

Dated: 01-10-2022

Dated: 18-10-2022

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	0.624	4	0.483	0.20	0.183	7.24	8.41	79810	87230	92740	101350	1.20	8.0	15.0	
2	0.630	4	0.485	0.20	0.185	7.54	8.99	83180	89930	99150	107180	1.10	8.0	13.8	
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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

New Vision Engg Consultant.

Test Performed By:

Dr. /Engr. Wasim Abbas

RE,Lhr.(Const Of RCC Overhead Tank At M-Block QIE Lahore)

Client Reference: NVEC/RE/QIE/22/03

SOM Lab 1097 (Page-

Ref: 1/1)

Dated: 13-10-2022

Dated: 18-10-2022

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Union 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	2.604	8	0.987	0.79	0.765	23.36	32.69	65230	67360	91270	94250	1.30	8.0	16.3	
2	1.496	6	0.748	0.44	0.440	14.60	19.72	73170	73170	98870	98870	1.30	8.0	16.3	
3	1.053	5	0.627	0.31	0.309	9.65	15.01	68680	68900	106750	107100	1.20	8.0	15.0	
4	0.681	4	0.505	0.20	0.200	6.44	8.56	71040	71040	94420	94420	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Eight 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

Pakistan Atomic Energy Com.

Test Performed By: Dr. /Engr. Wasim Abbas

Project Dir (North-3) WASO-PAEC.(Const Of 120 Rooms Residential For Friendship At FFP Site)

Client Reference: WASO-CMD-LOI-158/C

SOM Lab 1098 (Page-

Ref: 1/2)

Dated: 13-10-2022

Dated: 18-10-2022

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Al-Moiz 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	1.498	6	0.748	0.44	0.440	13.51	20.08	67700	67700	100660	100660	1.50	8.0	18.8	
2	1.560	6	0.764	0.44	0.458	14.42	20.20	72300	69460	101270	97290	1.40	8.0	17.5	
3	0.663	4	0.498	0.20	0.195	6.44	8.79	71040	72870	96900	99380	1.20	8.0	15.0	
4	0.661	4	0.497	0.20	0.194	6.47	8.82	71380	73590	97230	100240	1.30	8.0	16.3	
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BEND TEST:

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

Pakistan Atomic Energy Com.

Test Performed By: Dr. /Engr. Wasim Abbas

Project Dir (North-3) WASO-PAEC.(Const Of 120 Rooms Residential For Friendship At FFP Site)

Client Reference: WASO-CMD-LOI-158/C

SOM Lab 1098 (Page-

Ref: 2/2)

Dated: 07-09-2022

Dated: 18-10-2022

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	1.488	6	0.746	0.44	0.437	15.16	20.05	75980	76500	100500	101190	1.50	8.0	18.8	
2	1.488	6	0.746	0.44	0.437	15.21	20.18	76240	76760	101170	101860	1.60	8.0	20.0	
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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

Deputy Director (Engg)

Test Performed By:

Dr. /Engr. Asad Ali Gillani

LDA,Lahore.(Const Of 05 Nos Of 10M Official Residences at LDA Housing Scheme)(House No 480A)

Client Reference: DD(ENGG.)/LDA/68

SOM Lab 1099 (Page-

Ref: 1/1)

Dated: 19-09-2022

Dated: 18-10-2022

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	1.479	6	0.744	0.44	0.435	14.95	22.68	74960	75820	113690	114990	1.10	8.0	13.8	
2	0.663	4	0.498	0.20	0.195	6.73	9.48	74190	76090	104540	107220	1.20	8.0	15.0	
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BEND TEST:

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

Engr. Zahid Abbas

Test Performed By:

Dr. /Engr. Wasim Abbas

CM Zameen Quadrangle.(Const. Of Zameen Quadrangle at Plot No.49,Gulberg-V Lahore)

Client Reference: ZD/ZQ/GSW/032

SOM Lab 1100 (Page-

Ref: 1/1)

Dated: 18-10-2022

Dated: 18-10-2022

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	0.676	4	0.503	0.20	0.199	6.70	9.25	73850	74230	101960	102470	1.20	8.0	15.0	
2	0.672	4	0.501	0.20	0.197	6.60	8.72	72730	73840	96110	97570	1.20	8.0	15.0	
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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

Premier Developer & Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Procurement Manager .(Lyalpur Galleria-II Near Four Season Colony Samundri Road,FSD)

Client Reference: LG-II/028

SOM Lab 1101 (Page-

Ref: 1/1)

Dated: 15-10-2022

Dated: 18-10-2022

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	0.596	4	0.472	0.20	0.175	5.47	7.34	60370	68990	80940	92500	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

Engr. Major Zia-UI-Islam ®

Test Performed By:

Dr. /Engr. Wasim Abbas

PD GCC,Overseas Const.Co, Lahore.(Project Gulberg City Cerntr, Lahore)

Client Reference: Nil

SOM Lab 1102 (Page-

Ref: 1/1)

Dated: 17-10-2022

Dated: 18-10-2022

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	2.669	8	0.999	0.79	0.784	26.98	34.68	75330	75910	96820	97560	1.40	8.0	17.5	
2	1.479	6	0.744	0.44	0.435	17.60	21.71	88240	89260	108830	110080	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Four 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

Test Performed by: .S. Asad Ali Gillani

Muhammad Umer Arif
Account Officer, ASRA Engineering Lahore.

Client Reference No.: Nil

Dated: 18-10-2022

SOM Lab Ref: CED/SOM/1096(Page 1/1)

Dated: 18-10-2022

Test Type: Load Test

Sample Type: Scaffolding Fix Joints For Bolts (1100g)
(Prime Sheet)

Specification: BS 1139

Load Test Results

Sample No.	Sample Type	Ultimate Breaking Load (kN)	Ultimate Breaking Load (Kg)	Remarks
1	Scaffolding Fix Joints for Bolts(1100g) (Tension)	51.20	5220	Clamp Breaks At this Load

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

