Muhammad Aleem Habib **Test Performed By:** **Dr. /Engr.** Irfan Ul Hassan

Site Enr Punjab Industrial Estate,Bhalwal.(Const Of Drain For Disposal Of Stagnant Rain Water)

Client Reference: PIE/P&C/Drain/BIE/25/1821 **SOM Lab Ref:** 1558 (P-1/1)

Dated: 21-07-2025 **Dated:** 24-07-2025

Test: Tension Test **Test Specification:** ASTM-A-615

Guage Length: 200 mm **Sample Type:** Def Bar (Mughal Supreme)

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	0.862	12	11.84	113	110	57.00	73.00	504	519	646	664	32.5	200	16.3	
2	0.861	12	11.82	113	110	57.00	72.70	504	520	643	663	35.0	200	17.5	
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BEND TEST:

12mm	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

Javeed Aslam, ME **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Banu Mukhtar Contracting (Pvt.) Ltd.(Hyundai Nishat Extension FSD)

Client Reference: HNM/BMC/08/2025 **Dated:** 23-07-2025

SOM Lab Ref: CED/SOM/1563(Page-1/1) **Dated:** 24-07-2025

Test: Tension Test & Bend Test **Test Specification:** ASTM-A 615

Sample Type: Deformed Bar (Ittehad Steel) **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	1.539	16	15.80	201	196	102.50	130.50	510	523	649	666	27.5	200	13.8	
2	1.537	16	15.79	201	196	101.20	126.50	503	517	629	647	27.5	200	13.8	
3	0.993	12	12.69	113	127	65.70	88.20	581	520	780	697	27.5	200	13.8	
4	0.972	12	12.56	113	124	62.70	84.50	554	507	747	683	30.0	200	15.0	
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BEND TEST:

16mm	Sample bend through 180 degrees Satisfactorily without any crack
12mm	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Fahad Hussain, ME **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

ECSP Murree.(Revamping Of Bansra Gali Zoological Garden, Murree)

Client Reference: 446/ECSP/RBM/ME/01 **SOM Lab Ref:** 1554 (Page-1/1)

Dated: 03-07-2025 **Dated:** 24-07-2025

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	1.495	6	0.748	0.44	0.439	14.07	22.12	70510	70670	110880	111130	1.20	8.0	15.0	
2	1.484	6	0.745	0.44	0.436	13.88	21.99	69590	70230	110210	111220	1.20	8.0	15.0	
3	0.667	4	0.500	0.20	0.196	6.01	9.17	66320	67680	101170	103230	1.00	8.0	12.5	
4	0.663	4	0.498	0.20	0.195	6.07	9.19	66890	68600	101390	103990	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Ghulam Abbas, XEN **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

GE(Army)-II LRC.(Const Of 8xE Type Flats Block No.2 at PMAD Colony Lahore)

Client Reference: 6003/21/E6 **SOM Lab Ref:** 1555 (Page-1/1)

Dated: 21-07-2025 **Dated:** 24-07-2025

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	2.703	8	1.005	0.79	0.794	23.45	37.53	65460	65130	104780	104260	1.40	8.0	17.5	
2	2.673	8	1.000	0.79	0.786	23.55	37.61	65740	66070	105010	105550	1.20	8.0	15.0	
3	1.494	6	0.748	0.44	0.439	13.66	21.20	68470	68630	106280	106520	1.20	8.0	15.0	
4	1.494	6	0.748	0.44	0.439	13.71	21.15	68730	68880	106020	106260	1.00	8.0	12.5	
5	1.064	5	0.631	0.31	0.313	9.25	14.48	65780	65150	102980	102000	1.00	8.0	12.5	
6	1.063	5	0.630	0.31	0.312	9.07	14.42	64550	64130	102620	101960	1.10	8.0	13.8	
7	0.659	4	0.497	0.20	0.194	5.40	6.88	59580	61420	75880	78220	1.20	8.0	15.0	
8	0.661	4	0.497	0.20	0.194	5.40	6.98	59580	61420	77000	79380	1.10	8.0	13.8	
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BEND TEST:

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

Only Twelve Samples Received and Tested

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

Mughanim Rehman (P.E) **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Ittefaq Building Solution Pvt Ltd.(Capital Iron Industries)(Ramzan Shugar Mill)

SOM Lab

Client Reference: Nil **Ref:** 1556 (Page-1/1)

Dated: 24-07-2025 **Dated:** 24-07-2025

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Deformed Bar (Hunza 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	2.664	8	0.998	0.79	0.783	24.67	32.29	68870	69490	90160	90960	1.20	8.0	15.0	
2	2.669	8	0.999	0.79	0.784	24.92	32.31	69580	70110	90210	90900	1.40	8.0	17.5	
3	1.488	6	0.746	0.44	0.437	14.19	18.88	71130	71610	94630	95280	1.50	8.0	18.8	
4	1.495	6	0.748	0.44	0.439	13.88	18.88	69590	69750	94630	94840	1.40	8.0	17.5	
5	0.667	4	0.500	0.20	0.196	6.01	8.23	66320	67680	90720	92570	1.50	8.0	18.8	
6	0.661	4	0.497	0.20	0.194	5.96	8.18	65760	67800	90150	92940	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

Wasif Manzoor
Salman Developers Lahore.(Mian Usama Sb Villa)

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

Client Reference: Nil
Dated: 24-07-2025

SOM Lab Ref: 1557-1566 (Page-1/1)
Dated: 24-07-2025

Test: Tension Test & Bend Test
Gauge Length: 8 inch

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	2.631	8	0.992	0.79	0.773	26.83	35.47	74900	76550	99030	101210	1.30	8.0	16.3	
2	2.625	8	0.991	0.79	0.771	26.88	35.42	75050	76890	98890	101330	1.40	8.0	17.5	
3	1.477	6	0.743	0.44	0.434	14.42	18.09	72300	73300	90690	91950	1.10	8.0	13.8	
4	1.481	6	0.744	0.44	0.435	14.33	18.14	71840	72670	90950	92000	1.40	8.0	17.5	
5	0.702	4	0.512	0.20	0.206	7.10	9.68	78350	76070	106790	103680	1.20	8.0	15.0	
6	0.699	4	0.511	0.20	0.205	6.85	9.48	75540	73700	104540	101990	1.10	8.0	13.8	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

Hamid Ali, RE **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

Nespak.(Const Of Additional Carriageway From Darammawala More to Pull 114/10-R Distt Khanewal)

Client Reference: 4834/HA/03/16 **SOM Lab Ref:** 1559 (Page-1/1)

Dated: 17-07-2025 **Dated:** 24-07-2025

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	1.486	6	0.746	0.44	0.437	11.42	17.38	57230	57620	87120	87720	1.50	8.0	18.8	
2	1.474	6	0.743	0.44	0.433	11.39	17.40	57080	58000	87220	88630	1.70	8.0	21.3	
3	0.600	4	0.473	0.20	0.176	4.89	7.39	53960	61320	81500	92610	1.30	8.0	16.3	
4	0.596	4	0.472	0.20	0.175	4.84	7.31	53400	61020	80600	92110	1.40	8.0	17.5	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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

Resident Engineer **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani
Metroplan-Asian JV, Lahore.(Re-Const Of Old P&D Building-Tower A)

Client Reference: MetroplanAsian-JV/(Old P&D)/Tower-A/RE-05 **SOM Lab Ref:** 1560 (Page-1/1)
Dated: 24-07-2025 **Dated:** 24-07-2025

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	2.656	8	0.997	0.79	0.781	22.14	36.26	61810	62530	101230	102390	1.30	8.0	16.3	
2	2.645	8	0.995	0.79	0.777	22.22	36.16	62040	63080	100940	102630	1.30	8.0	16.3	
3	1.504	6	0.750	0.44	0.442	13.12	21.30	65760	65460	106790	106310	1.20	8.0	15.0	
4	1.505	6	0.750	0.44	0.442	13.02	21.36	65250	64960	107040	106560	1.40	8.0	17.5	
5	0.673	4	0.502	0.20	0.198	6.21	9.58	68460	69150	105670	106730	1.30	8.0	16.3	
6	0.670	4	0.501	0.20	0.197	6.22	9.60	68570	69620	105890	107500	1.20	8.0	15.0	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack
# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Nine Samples Received and Tested

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

M.Usman Rauf **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

RE NESPAK Lahore.(Restoration/Impro Of Road From Chunian to Hujra Road Distt Kasur)

Client Reference: 4084/103/MUR/104/53 **SOM Lab Ref:** 1561 (Page-1/2)

Dated: 12-06-2025 **Dated:** 24-07-2025

Test: Tension Test & Bend Test **Test Specification:** ASTM-A-615

Gauge Length: 8 inch **Sample Type:** Pain Bar (Dowel Bars)

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	26.83	36.80	74900	75280	102730	103260	1.10	8.0	13.8	
2	2.678	8	1.001	0.79	0.787	27.01	36.90	75420	75700	103020	103410	1.00	8.0	12.5	
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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.Usman Rauf **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

RE NESPAK Lahore.(Restoration/Impro Of Road From Chunian to Hujra Road Distt Kasur)

Client Reference: 4084/103/MUR/104/54 **SOM Lab Ref:** 1561 (Page-2/2)

Dated: 12-06-2025 **Dated:** 24-07-2025

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	0.667	4	0.500	0.20	0.196	5.93	9.17	65420	66760	101170	103230	1.40	8.0	17.5	
2	0.666	4	0.500	0.20	0.196	6.42	9.43	70820	72270	103980	106100	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

M.Saleem
Badar Traders Gujranwala.

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

Client Reference: Badar Traders
Dated: 24-07-2025

SOM Lab Ref: 1562 (Page-1/1)
Dated: 24-07-2025

Test: Tension Test & Bend Test
Gauge Length: 8 inch

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	1.513	6	0.753	0.44	0.445	16.28	20.41	81600	80680	102290	101140	1.30	8.0	16.3	
2	1.486	6	0.746	0.44	0.437	15.49	19.64	77670	78200	98460	99140	1.20	8.0	15.0	
3	0.664	4	0.498	0.20	0.195	7.08	9.25	78130	80130	101960	104570	1.10	8.0	13.8	
4	0.661	4	0.497	0.20	0.194	7.00	9.09	77230	79620	100270	103370	0.90	8.0	11.3	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 4	Sample bend through 180 degrees Satisfactorily without any crack

Note:-

Only Six Samples Received and Tested

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