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

Site Engineer Husnain Builders Lahore.(Lahore American School Upper Mall Lahore)

Client Reference: Nil **SOM Lab Ref:** 1342 (Page-1/1)

Dated: 04-06-2025 **Dated:** 04-06-2025

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	2.639	8	0.994	0.79	0.776	23.62	37.36	65940	67130	104300	106180	1.40	8.0	17.5	
2	2.624	8	0.991	0.79	0.771	23.31	37.33	65090	66690	104210	106780	1.50	8.0	18.8	
3	1.485	6	0.745	0.44	0.436	13.93	21.63	69850	70490	108420	109420	1.30	8.0	16.3	
4	1.491	6	0.747	0.44	0.438	12.90	20.76	64640	64930	104080	104560	1.50	8.0	18.8	
5	0.642	4	0.491	0.20	0.189	5.96	9.25	65760	69590	101960	107890	1.10	8.0	13.8	
6	0.641	4	0.489	0.20	0.188	6.09	9.33	67110	71390	102860	109420	1.10	8.0	13.8	
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BEND TEST:

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

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

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

Site Engineer Husnain Builders Lahore.(Lahore Grammar School Johar Town Society Lahore)

Client Reference: Nil **SOM Lab Ref:** 1343 (Page-1/1)

Dated: Nil **Dated:** 04-06-2025

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	1.487	6	0.746	0.44	0.437	13.35	21.25	66940	67400	106530	107270	1.40	8.0	17.5	
2	1.491	6	0.747	0.44	0.438	13.35	21.63	66940	67240	108420	108920	1.30	8.0	16.3	
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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

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

NESPAK Lahore.(Restoration/Impr of Lahore Sargodha Road in Tehsil Saforabad Distt Sheikhpura)

Client Reference: 4834/103/RRP-24/AC/93 **SOM Lab Ref:** 1345 (Page-1/1)

Dated: 14-05-2025 **Dated:** 04-06-2025

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

Gauge Length: 8 inch **Sample Type:** M/S Bar (Supreme 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	2.655	8	0.997	0.79	0.780	28.56	33.74	79740	80760	94200	95400	1.00	8.0	12.5	Plain Bar
2	2.656	8	0.997	0.79	0.781	28.64	33.91	79970	80890	94680	95770	0.90	8.0	11.3	Plain Bar
3	0.666	4	0.500	0.20	0.196	5.88	8.99	64860	66190	99150	101170	1.20	8.0	15.0	Def Bar
4	0.665	4	0.498	0.20	0.195	6.34	8.66	69920	71710	95550	98000	1.30	8.0	16.3	Def Bar
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BEND TEST:

# 8 (Plain)	Sample bend through 180 degrees Satisfactorily without any crack
# 4 (Def.)	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

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

NESPAK-Turkpak JV Lhr.(Reconstruction of Lady Willingdon Hospital,Lahore)

Client Reference: 4729/13/MA/04/289 **SOM Lab Ref:** 1347 (Page-1/1)

Dated: 04-06-2025 **Dated:** 04-06-2025

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

Gauge Length: 8 inch **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	1.496	6	0.748	0.44	0.440	13.15	19.95	65910	65910	99990	99990	1.20	8.0	15.0	
2	1.491	6	0.747	0.44	0.438	13.05	19.88	65400	65700	99640	100090	1.30	8.0	16.3	
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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

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

PMU Logistic Park Nathe Khalsa NLC Lahore.(Nathe Khalsa Project)

Client Reference: 30001/Proj/NLC **SOM Lab Ref:** 1348 (Page-1/1)

Dated: 06-06-2025 **Dated:** 04-06-2025

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	1.451	6	0.736	0.44	0.426	13.00	17.84	65150	67290	89420	92360	1.10	8.0	13.8	
2	1.593	6	0.772	0.44	0.468	13.15	18.01	65910	61970	90290	84880	1.30	8.0	16.3	
3	0.584	4	0.468	0.20	0.172	5.32	7.24	58680	68230	79810	92800	1.30	8.0	16.3	
4	0.581	4	0.467	0.20	0.171	5.32	7.24	58680	68630	79810	93350	1.20	8.0	15.0	
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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

Sub Divisional officer, **Test Performed By:** **Dr. /Engr.** Asad Ali Gillani

BSD No.13 Lhr.(Scheme 04 Addition Class Room at Govt Girls High School Bohgan Cantt Lhr)

Client Reference: 1241 **SOM Lab Ref:** 1349(Page-1/1)

Dated: 04-06-2025 **Dated:** 04-06-2025

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	0.590	4	0.469	0.20	0.173	5.56	7.41	61270	70830	81720	94480	1.30	8.0	16.3	
2	0.589	4	0.469	0.20	0.173	5.52	7.39	60930	70440	81500	94220	1.40	8.0	17.5	
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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