

Cantonment Executive Officer,
Sargodha Cantt.(Providing/ Laying Of Sewerage Lines/Drains Ward No.10)

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

Client Reference: CBS/CONT/01/713

SOM Lab

Ref: 2054 (Page-1/2)

Dated: 15-02-2023

Dated: 07-04-2023

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	0.671	4	0.501	0.20	0.197	4.89	7.56	53960	54780	83410	84680	1.20	8.0	15.0	
2	0.672	4	0.501	0.20	0.197	5.05	7.85	55650	56490	86560	87870	1.30	8.0	16.3	
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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

Cantonment Executive Officer,
Sargodha Cantt.(Providing/ Laying Of Sewerage Lines/Drains Ward No. 3)

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

Client Reference: CBS/CONT/01/714

SOM Lab

Ref: 2054 (Page-2/2)

Dated: 16-02-2023

Dated: 07-04-2023

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	0.672	4	0.501	0.20	0.197	4.91	7.70	54180	55010	84870	86160	1.40	8.0	17.5	
2	0.668	4	0.500	0.20	0.196	5.12	7.77	56430	57580	85660	87410	1.40	8.0	17.5	
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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

Awais Mushtaq

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

XEN GE (Air) Lahore.(Const Of Swimming Pool In PAF Officers Colony at PAF Base Lahore)

Client Reference: 6800/16/E6

SOM Lab

Ref: 2055 (Page-1/1)

Dated: 14-02-2023

Dated: 07-04-2023

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	1.488	6	0.746	0.44	0.437	16.21	21.07	81240	81800	105610	106340	1.20	8.0	15.0	
2	0.671	4	0.501	0.20	0.197	7.51	8.89	82850	84110	98020	99510	1.00	8.0	12.5	
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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

Col Tajamal Hussain Riaz ®

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE CSM ACE Limited.Multan.(Secretariat Office Building Multan & Allied Work)

SOM Lab

Ref:

2056 (Page-1/1)

Client Reference: ACE/RE/CSM/2023/557

Dated: 06-04-2023

Dated:

07-04-2023

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	2.580	8	0.982	0.79	0.758	25.35	34.32	70780	73760	95820	99860	1.30	8.0	16.3	
2	2.575	8	0.982	0.79	0.757	24.89	34.35	69500	72530	95900	100090	1.50	8.0	18.8	
3	1.432	6	0.732	0.44	0.421	12.49	17.13	62590	65420	85840	89720	1.50	8.0	18.8	
4	1.433	6	0.732	0.44	0.421	12.44	17.04	62340	65150	85430	89290	1.50	8.0	18.8	
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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	

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-Turk Pak JV, MCH Bwn.(Estb Of 200 Bedded Mother And Child Hospital & Nursing College)

Client Reference: 4460/13/MA/04/217

SOM Lab

Ref: 2057 (Page-1/1)

Dated: 03-04-2023

Dated: 07-04-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Faizan 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	1.467	6	0.741	0.44	0.431	14.29	18.37	71640	73130	92070	94000	1.30	8.0	16.3	
2	1.464	6	0.740	0.44	0.430	14.75	18.52	73940	75660	92840	95000	1.30	8.0	16.3	
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Witnessed By: Muhammad Ishaq M I.(NESPAK MCH Bahawalnager)

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

Best Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Lahore.(New TCF Secondary School, Building in Kohrian Village Lahore)

Client Reference: Nil

SOM Lab

Ref: 2058 (Page-1/4)

Dated: 07-04-2023

Dated: 07-04-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ambreli 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	0.671	4	0.501	0.20	0.197	5.86	8.92	64640	65620	98360	99860	1.50	8.0	18.8	
2	0.674	4	0.502	0.20	0.198	5.91	8.84	65200	65860	97460	98440	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

Best Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Lahore.(New TCF Secondary School, Building in Chak # 236 Faisalabad)

Client Reference: Nil

SOM Lab

Ref: 2058 (Page-2/4)

Dated: 07-04-2023

Dated: 07-04-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ambreli 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	0.673	4	0.502	0.20	0.198	5.78	8.79	63740	64380	96900	97880	1.30	8.0	16.3	
2	0.673	4	0.502	0.20	0.198	5.78	8.87	63740	64380	97800	98780	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

Best Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Lahore.(New TCF Secondary School, Building in Chak # 236 Faisalabad)

Client Reference: Nil

SOM Lab

Ref: 2058 (Page-3/4)

Dated: 07-04-2023

Dated: 07-04-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ambreli 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	2.606	8	0.988	0.79	0.766	23.45	32.90	65460	67510	91840	94710	1.50	8.0	18.8	
2	2.606	8	0.988	0.79	0.766	23.52	32.79	65650	67710	91550	94420	1.50	8.0	18.8	
3	1.454	6	0.737	0.44	0.427	16.87	21.10	84560	87140	105770	108990	1.20	8.0	15.0	
4	1.476	6	0.743	0.44	0.434	16.74	21.00	83900	85060	105260	106710	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	

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

Best Builders

Test Performed By:

Dr. /Engr. Asad Ali Gillani

Lahore.(New TCF Secondary School, Building in Kohrian Village Lahore)

Client Reference: Nil

SOM Lab

Ref: 2058 (Page-4/4)

Dated: 07-04-2023

Dated: 07-04-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Ambreli 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	2.659	8	0.997	0.79	0.781	23.41	32.82	65370	66120	91640	92690	1.50	8.0	18.8	
2	2.632	8	0.992	0.79	0.773	23.65	33.10	66020	67480	92400	94440	1.40	8.0	17.5	
3	1.460	6	0.739	0.44	0.429	17.30	21.12	86710	88930	105870	108580	1.00	8.0	12.5	
4	1.454	6	0.737	0.44	0.427	17.33	21.36	86860	89510	107040	110300	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	

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