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

M. E. A.S. Enterprises, Consultant: AA Associates(Project: Style Textile Managa / Style Textile Rewind)

Client Reference: USD/ASE/23 **Dated:** 11-08-2020

SOM Lab Ref: CED/SOM/2818(Page-1/1) **Dated:** 11-08-2020

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

Sample Type: M S Deformed Bar(AGHA 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	1.542	16	15.80	201	196	105.20	128.20	523	537	638	655	37.5	200	18.8	
2	1.540	16	15.80	201	196	106.70	129.00	531	544	642	658	37.5	200	18.8	
3	0.870	12	11.88	113	111	55.70	71.70	492	503	634	648	32.5	200	16.3	
4	0.872	12	11.89	113	111	59.50	74.00	526	536	654	667	32.5	200	16.3	
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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

Resident Engineer/Team Leader **Test Performed By:** **Dr. /Engr.** S. Asad Ali Gillani

Prime Engineering Consultancy, Kallurkot Brdge Project

Client Reference: KK-DIK-BR-PJ/2020/179 **Dated:** 13-08-2020

SOM Lab Ref: CED/SOM/2827(Page-1/1) **Dated:** 13-08-2020

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

Sample Type: Deformed Bar(Abbas 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	0.869	12	11.89	113	111	63.20	75.70	559	570	669	682	27.5	200	13.8	
2	0.887	12	11.99	113	113	63.00	81.50	557	558	721	722	25.0	200	12.5	
3	0.877	12	11.93	113	112	63.20	81.20	559	566	718	727	27.5	200	13.8	
4	0.876	12	11.92	113	112	65.50	77.20	579	587	683	692	25.0	200	12.5	
5	0.874	12	11.91	113	111	62.20	75.50	550	559	668	678	25.0	200	12.5	
6	0.892	12	12.03	113	114	63.00	75.50	557	555	668	665	25.0	200	12.5	
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BEND TEST:

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

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

Sr. Project Manager IZHAR GROUP OF COMPANIES, Lahore

Client Reference: ICPL/CONST-DML/20/17 **Dated:** 13-08-2020

SOM Lab Ref: CED/SOM/2833(Page-1/1) **Dated:** 13-08-2020

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

Sample Type: Deformed Bar(Amreli 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	3.850	25	24.98	491	490	275.20	355.70	561	562	725	726	35.0	200	17.5	
2	3.816	25	24.88	491	486	277.70	358.00	566	572	729	737	32.5	200	16.3	
3	2.960	22	21.91	380	377	197.20	261.70	519	524	688	695	35.0	200	17.5	
4	2.959	22	21.91	380	377	197.00	245.00	518	523	645	650	37.5	200	18.8	
5	1.584	16	16.03	201	202	108.50	138.20	540	538	687	685	32.5	200	16.3	
6	1.595	16	16.09	201	203	108.20	138.20	538	533	687	681	30.0	200	15.0	
7	0.902	12	12.09	113	115	60.20	78.20	532	525	691	681	32.5	200	16.3	
8	0.890	12	12.02	113	113	59.70	77.50	528	527	685	684	30.0	200	15.0	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack
22mm	Sample bend through 180 degrees Satisfactorily without any crack
16mm	Sample bend through 180 degrees Satisfactorily without any crack
12mm	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

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

Sr. Project Manager IZHAR GROUP OF COMPANIES, Lahore

Client Reference: ICPL/CONST-DML/20/18 **Dated:** 13-08-2020

SOM Lab Ref: CED/SOM/2834(Page-1/1) **Dated:** 13-08-2020

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

Sample Type: Deformed Bar(Mughal 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	2.960	22	21.91	380	377	193.70	246.00	510	514	647	653	32.5	200	16.3	
2	2.960	22	21.91	380	377	192.50	245.50	506	511	646	652	30.0	200	15.0	
3	1.532	16	15.76	201	195	106.70	132.50	531	547	659	680	32.5	200	16.3	
4	1.582	16	16.02	201	202	103.20	128.20	513	512	638	636	27.5	200	13.8	
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BEND TEST:

22mm	Sample bend through 180 degrees Satisfactorily without any crack
16mm	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 Shabir Hashmani **Test Performed By:** **Dr. /Engr.** S. Asad Ali Gillani
Resident Engineer, NESPAK (Pvt) Ltd. Islamabad

Client Reference: CPEC/NESPAK/RE/PKG3/20/1590 **Dated:** 16-08-2020
SOM Lab Ref: CED/SOM/2842(Page-1/1) **Dated:** 13-08-2020
Test: Tension Test **Test Specification:** ASTM-A 615
Sample Type: Anchor Bolt **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	1.542	16	15.80	201	196	73.20	98.50	364	374	490	503	37.5	200	18.8	
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BEND TEST:

--	No Bend test performed	**Note:-**
		Only One Sample Received and Tested

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

Asif Nadeem Khawar **Test Performed By:** **Dr. /Engr.** S. Asad Ali Gillani

Resident Engineer, Metroplan-Asian JV, Site Office Talagang Road Mianwali

Client Reference: Metroplan Asian JV-Nexus-MMCH-RE-369 **SOM Lab Ref:** 2829(Page-1/1)

Dated: 11-08-2020 **Dated:** 13-08-2020

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	1.480	6	0.744	0.44	0.435	11.79	17.60	59120	59800	88240	89260	1.10	8.0	13.8	
2	1.509	6	0.751	0.44	0.443	11.85	17.69	59380	58970	88650	88050	1.10	8.0	13.8	
3	1.069	5	0.632	0.31	0.314	10.57	15.19	75210	74250	108060	106680	1.00	8.0	12.5	
4	1.067	5	0.632	0.31	0.314	9.53	13.35	67810	66950	95000	93790	1.10	8.0	13.8	
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BEND TEST:

# 6	Sample bend through 180 degrees Satisfactorily without any crack
# 5	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

Khalid Pervaiz
Moiz Steel, Lahore

Test Performed By: **Dr. /Engr.** Nauman Khurram

Client Reference: MZ/CGGC-DES/MD/UET/022
Dated: Nil

SOM Lab Ref: 2830(Page-1/1)
Dated: 13-08-2020

Test: Tension 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	0.663	4	0.498	0.20	0.195	5.86	8.77	64640	66290	96670	99150	1.20	8.0	15.0	
2	0.660	4	0.497	0.20	0.194	5.71	8.74	62950	64900	96340	99310	1.20	8.0	15.0	
3	0.659	4	0.497	0.20	0.194	5.73	8.77	63180	65130	96670	99660	1.30	8.0	16.3	
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BEND TEST:

--	No Bend test performed

Note:-

Only Three Samples Received and Tested

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

M/S Tariq Zia & Co.
Engineers & Contractors, Lahore

Test Performed By: **Dr. /Engr.** M Irfan ul Hassan

Client Reference: Nil
Dated: 10-08-2020

SOM Lab Ref: 2832(Page-1/1)
Dated: 13-08-2020

Test: Tension 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	0.676	4	0.503	0.20	0.199	6.52	8.56	71940	72310	94420	94900	1.20	8.0	15.0	
2	0.678	4	0.503	0.20	0.199	6.52	8.61	71940	72310	94990	95460	1.20	8.0	15.0	
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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

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

Sr. Production Manager, Izhar Group of Companies Lahore

Client Reference: ICPL/CONST-DML/20/18 **SOM Lab Ref:** 2834 (Page-1/1)

Dated: 13-08-2020 **Dated:** 13-08-2020

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	1.455	6	0.738	0.44	0.428	13.53	19.16	67810	69710	96060	98750	1.20	8.0	15.0	
2	1.457	6	0.738	0.44	0.428	14.02	19.34	70260	72230	96930	99650	1.10	8.0	13.8	
3	1.460	6	0.739	0.44	0.429	14.48	19.32	72560	74420	96830	99310	1.20	8.0	15.0	
4	0.672	4	0.501	0.20	0.197	6.52	8.26	71940	73040	91050	92440	1.40	8.0	17.5	
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BEND TEST:

# 6	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

Altaf Hussain **Test Performed By:** **Dr. /Engr.** M Irfan Ul Hassan

Sr. Project Manager. Ittefaq Construction Associates, Lahore

Client Reference: ICA/H.T/12 **SOM Lab Ref:** 2835 (Page-1/1)

Dated: 13-08-2020 **Dated:** 13-08-2020

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	2.602	8	0.987	0.79	0.765	25.18	36.39	70290	72590	101600	104920	1.20	8.0	15.0	
2	1.482	6	0.745	0.44	0.436	14.98	20.36	75110	75800	102040	102970	1.20	8.0	15.0	
3	0.674	4	0.502	0.20	0.198	6.83	9.25	75320	76080	101960	102990	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 Six Samples Received and Tested

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

Sikandar Hayat Tahir **Test Performed By:** **Dr. /Engr.** S. Asad Ali Gillani

Asstt. Executive Engineer-I, Central Civil Division No.I, Pak P.W.D. Lahore'

Client Reference: AEE-I/LCCD-I/53-ASF/08 **SOM Lab Ref:** 2836(Page-1/1)

Dated: 29-06-2020 **Dated:** 13-08-2020

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	2.633	8	0.993	0.79	0.774	24.11	34.35	67310	68700	95900	97890	1.00	8.0	12.5	
2	2.629	8	0.992	0.79	0.773	24.06	34.71	67160	68640	96900	99030	1.30	8.0	16.3	
3	1.449	6	0.736	0.44	0.426	13.25	19.08	66430	68610	95650	98790	1.00	8.0	12.5	
4	1.450	6	0.736	0.44	0.426	13.17	19.06	66020	68190	95550	98690	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

Note:-

Only Six Samples Received and Tested

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

Chief Officer,
Town Committee, Hadali (Khushab)

Test Performed By: **Dr. /Engr.** M. Irfan Ul Hassan

Client Reference: 475/TC
Dated: 31-07-2020

SOM Lab
Ref: 2841(Page-1/1)
Dated: 13-08-2020

Test: Tension Test
Gauge Length: 8 inch

Test Specification: ASTM-A-615
Sample Type: Plane & 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	2.699	8	1.005	0.79	0.793	26.30	36.19	73420	73150	101030	100640	1.00	8.0	12.5	Plane
2	2.704	8	1.006	0.79	0.795	26.50	36.56	73990	73530	102080	101440	0.90	8.0	11.3	Plane
3	1.217	6	0.675	0.44	0.358	9.45	14.95	47370	58220	74960	92130	1.00	8.0	12.5	Deformed
4	1.212	6	0.673	0.44	0.356	9.58	15.11	48030	59360	75720	93590	1.10	8.0	13.8	Deformed
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

BEND TEST:

--	No Bend test performed

Note:-

Only Four Samples Received and Tested

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

Test Performed by: Dr. S. Asad Ali Gillani

Khalid Pervaiz
Moaz Steel
Office No 5, Ist Floor,
Haji Iqbal Plaza, 4-Bull Road, Brandrath Road Lahore

Client Reference No.: MZ/CGGC0DES/MD/UET/002 Dated: nil

SOM Lab Ref: CED/SOM/2830 (Page-1/1) Dated: 13-08-2020

Test Type: Slippage Test

Sample Type: Rock-Bolt (Muhammad Dam Project)

Slippage Test Results

Sample No.	Sample Type	Diameter of Bolt (mm)	Maximum Load Applied (kN)	Remarks
1	Rock - Bolt	25.0	228.5	Threads Fail at this Load from thread portion

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

Test Performed by: Dr. S. Asad Ali Gillani

Khalid Pervaiz
Moaz Steel
Office No 5, Ist Floor, Haji Iqbal Plaza,
4 - Bull Road, Brandreth Road Lahore

Client Reference No.: MZ/CGGC-DES/MD/UET/002 Dated: nil

SOM Lab Ref: CED/SOM/2830 (Page-1/1) Dated: 13-08-2020

Test Type: Slippage Test

Sample Type: Rock-Bolt (Muhmmad Dam Project)

Slippage Test Results

Sample No.	Sample Type	Diameter of Bolt (mm)	Maximum Load Applied (kN)	Remarks
1	Rock - Bolt	25.0	228.5	Thread failure occurs at this load

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

Test Performed By: S. Asad Ali Gillani

Muhammad Yaqoob Minhas
Managing Director,
Eastern Highway Company
Traffic Engineering, Road Safety Services & Equipments
ISLAMABAD

Client Reference: EHC/UET/15 Dated: 12-08-2020
SOM Laboratory Reference: CED/SOM/2837(Page-1/1) Dated: 13-08-2020
Test: Compressive Strength
Sample Type: Aluminum Road Studs
Test Specification: ASTM-D4280

Test Results

Sr. No.	Sample Type	Top Dimensions (mm)	Bottom Dimensions (mm)	Thickness (mm)	Inclination (Degree)	Compression Load (Kg)
1	Aluminum Stud	86.0 x 34.0	89.5 x 89.5	21.0	28.28^{o}	24464.83

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

Test Performed By: S. Asad Ali Gillani

Muhammad Yaqoob Minhas
Managing Director,
Eastern Highway Company
Traffic Engineering, Road Safety Services & Equipments
ISLAMABAD

Client Reference: EHC/UET/14 Dated: 12-08-2020
SOM Laboratory Reference: CED/SOM/2837(Page-1/1) Dated: 13-08-2020
Test: Compressive Strength
Sample Type: Aluminum Road
17-08-2020

Studs,
Test Specification: ASTM-D4280

Test Results

Sr. No.	Sample Type	Top Dimensions (mm)	Bottom Dimensions (mm)	Thickness (mm)	Inclination (Degree)	Compression Load (Kg)
1	Aluminum Stud	66.0 x 52.0	111.5 x 108.5	23.2	29.75^{o}	33660

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

Test Performed By: Dr. Syed Asad Ali Gillani

Maj Adnan Khalid ®
Dy. Dir. MTL
Testing of Fibreglass Blind Pipe - Installation of Permanent
Bore for Tube Well at Ph-XI, Sector –IV, Rahber (M/S SHA Const.)

Client Reference: 408/241/E/Lab/958/01 Dated: 13-08-2020
SOM Laboratory Reference: CED/SOM/2838(Page-1/1) Dated: 13-08-2020
Test: Stiffness Test, Tensile Test & Hoop Tensile Stress,
Sample Type: GRP Pipe (10 Inch Diameter)

Stiffness Test (Parallel Plate Loading Test as per ASTM-D-2412)

(GRP Pipe 10 inch)
Total Length = 310 mm, External Diameter = 268 mm, Wall Thickness = 6.8 mm

Percentage Reduction in Diameter of Sample	Compression Load, P (kN)	Stiffness (Corrected)			Remarks
		Pipe Stiffness (kN/m^2)	Stiffness Factor (N-m)	Specific Tangential initial Stiffness (N/m^2)	
5%	6.20	1614	536	32528	No Crack Observed

Tensile Test

Sample Type	Size of Sample (mm)	Ultimate Load (kN)	Ultimate Stress (MPa)
GRP Pipe (10inch)	15.0 x 6.7	20.87	207.661

Hoop Tensile Test (ASTM-D-2290-04)

Sample Size (mm)				Hoop Tensile Load (kN)	Hoop Stress (MPa)
b_1	t_1	b_2	t_2		
7.8	6.8	8.0	6.8	72.3	672.933

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