

Muhammad Tahir Nazeer

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Dy Manager Civil,Nishat Denim.(Const of Denim Plant Unit-67 Bhikki-Sheikhupura)

1645 (Page-

1/1)

Client Reference: NML/Denim/014

SOM Lab Ref:

Dated: 23-01-2023

Dated:

25-01-2023

Test: Tension Test

Test Specification:

ASTM-A-615

Guage Length: 200 mm

Sample Type:

MS Def 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	0.898	12	12.05	113	114	55.70	74.00	493	489	655	650	30.0	200	15.0	
2	0.902	12	12.09	113	115	53.00	71.70	469	462	635	625	25.0	200	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Bashir Ahmad
Lahore.

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

Client Reference: Nil

SOM Lab

Ref: 1642 (Page-1/1)

Dated: 24-01-2023

Dated: 25-01-2023

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	1.491	6	0.747	0.44	0.438	14.48	20.10	72560	72890	100760	101220	1.10	8.00	13.8	
2	1.507	6	0.751	0.44	0.443	15.90	20.54	79710	79170	102960	102260	1.00	8.00	12.5	
3	0.658	4	0.496	0.20	0.193	6.39	8.26	70480	73040	91050	94350	0.90	8.00	11.3	
4	0.661	4	0.497	0.20	0.194	6.27	8.26	69130	71270	91050	93870	0.90	8.00	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

M. Saleem

Test Performed By: Dr. /Engr.

S Asad Ali
Gillani

Construction Company Engrs & Contractors, Sheikhpura.(Extension Germent Unit)

Client Reference: Steel Test

SOM Lab

Ref: 1643 (Page-1/1)

Dated: 25-01-2023

Dated: 25-01-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Deformed

Gauge Length: 8 inch

Sample Type:

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	2.616	8	0.990	0.79	0.769	28.24	35.88	78830	80980	100170	102910	1.40	8.0	17.5	
2	1.479	6	0.744	0.44	0.435	15.60	19.78	78180	79080	99130	100260	1.20	8.0	15.0	
3	0.658	4	0.496	0.20	0.193	6.42	9.91	70820	73390	109260	113220	1.10	8.0	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	
# 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

Engineer Muhammad Irfan
Asst Dir Infra. DHA Gujranwala.(Sector C)

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

Client Reference: 111/15/AD/RS/Pkg-2A/1023

SOM Lab

Ref: 1644 (Page-1/1)

Dated: 21-01-2023

Dated: 25-01-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Nomee 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	2.64 2	8	0.99 4	0.7 9	0.77 6	26.10	33.91	72850	74170	94680	96390	1.3 0	8. 0	16. 3	
2	2.63 4	8	0.99 3	0.7 9	0.77 4	26.37	35.88	73620	75140	10017 0	10224 0	1.3 0	8. 0	16. 3	
3	0.67 2	4	0.50 1	0.2 0	0.19 7	5.68	8.66	62610	63570	95550	97000	1.2 0	8. 0	15. 0	
4	0.67 2	4	0.50 1	0.2 0	0.19 7	6.22	9.43	68570	69620	10398 0	10556 0	1.2 0	8. 0	15. 0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Witnessed By: Abdul Rehman, DHAG

BEND TEST:

# 8	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

Prof.DR.Engr.Abdulah Yasar,CE

Test Performed By: Dr. /Engr. Irfan UI Hassan

GC Uni,Lhr.(Const Of New Girls Hostel And Servant quarters at GCU Lahore Main Campus)

Client Reference: GCU/Engr/877/W.O

SOM Lab

Ref: 1646 (Page-1/1)

Dated: 23-01-2023

Dated: 25-01-2023

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	2.620	8	0.990	0.79	0.770	27.27	36.16	76130	78100	100940	103560	1.30	8.0	16.3	
2	1.478	6	0.743	0.44	0.434	13.05	18.40	65400	66310	92230	93500	1.30	8.0	16.3	
3	0.674	4	0.502	0.20	0.198	6.42	8.89	70820	71540	98020	99010	1.30	8.0	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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	
# 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

Brig.Saeed Ahmad Malik,SI(M)®
 RE Nespak Lahore.(Lahore Roads Rehabilitation Project Ph-II)(MCL Projects)

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

Client Reference: 4084/103/BSAM/104/855

SOM Lab

Ref: 1648 (Page-1/1)

Dated: 09-01-2023

Dated: 25-01-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar

ASTM-A-615

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	0.677	4	0.503	0.20	0.199	5.47	8.18	60370	60670	90150	90610	1.50	8.0	18.8	
2	0.671	4	0.501	0.20	0.197	5.49	8.19	60590	61510	90270	91640	1.50	8.0	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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

Sub Divisional officer,
HSD Renala Khurd.(Rehb Of Road From Renala Khurd To Hujra Chowk Via Shergarh,Renala Khurd)

Test Performed By: Dr./Engr. irfan Ul Hassan

Client Reference: 260/RK

SOM Lab

Ref: 1649 (Page-1/1)

Dated: 11-01-2023

Dated: 25-01-2023

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	2.64 4	8	0.99 5	0.7 9	0.77 7	24.92	34.27	69580	70750	95680	97280	1.4 0	8. 0	17. 5	
2	1.47 7	6	0.74 3	0.4 4	0.43 4	15.22	19.54	76290	77340	97950	99300	1.0 0	8. 0	12. 5	
3	0.67 2	4	0.50 1	0.2 0	0.19 7	6.63	8.84	73070	74180	97460	98940	1.0 0	8. 0	12. 5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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	
# 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 Nisar Hashmi
 Head MP.Shaukat Khanum Memorial Trust.(Const.Of Multi-Storied Parking Garage
 SKMCH&RC,Lhr)

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

Client Reference: SKM/PG/UET/01/25

SOM Lab

Ref: 1650 (Page-1/1)

Dated: 25-01-2023

Dated: 25-01-2023

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	1.490	6	0.747	0.44	0.438	15.04	19.52	75370	75710	97850	98290	1.20	8.00	15.00	
2	1.577	6	0.768	0.44	0.463	15.70	20.71	78690	74780	103830	98670	1.20	8.00	15.00	
3	0.670	4	0.501	0.20	0.197	6.27	8.36	69130	70190	92180	93580	1.00	8.00	12.5	
4	0.671	4	0.501	0.20	0.197	6.37	8.38	70260	71330	92400	93810	1.10	8.00	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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