

Test Performed By: Dr. Wasim Abbas

Engr. Major Zia-UI-Islam ®
Project Director
Overseas Construction Co. (Pvt) Ltd.Lahore
(Project Gulberg City Centre,Lahore)

Client Reference: OCC/Steel/weld/09i

Dated:26-01-2024

SOM Laboratory Reference: CED/SOM/3567(Page-1/3)

Dated:26-01-2024

Test: Weld Test

Sample Type: Deformed Bar (# 4), Weld Size 9 Inch

Weld Test

Sr.No	Sample Type	Ultimate Load (kN)	Ultimate Stress (psi)	Remarks
1	Deformed Bar (# 4)	77.7	87340	Rebar Failed

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

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Project Director
Overseas Construction Co. (Pvt) Ltd.Lahore
(Project Gulberg City Centre,Lahore)

Client Reference: OCC/Steel/weld/06i

Dated:26-01-2024

SOM Laboratory Reference: CED/SOM/3567(Page-2/3)

Dated:26-01-2024

Test: Weld Test

Sample Type: Deformed Bar (# 4), Weld Size 6 Inch

Weld Test

Sr.No	Sample Type	Ultimate Load (kN)	Ultimate Stress (psi)	Remarks
1	Deformed Bar (# 4)	78.7	88470	Rebar Failed

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

Test Performed By: Dr. Wasim Abbas

Engr. Major Zia-UI-Islam ®
Project Director
Oversease Construction Co. (Pvt) Ltd.Lahore
(Project Gulberg City Centre,Lahore)

Client Reference: OCC/Steel/weld/12i

Dated:26-01-2024

SOM Laboratory Reference: CED/SOM/3567(Page-3/3)

Dated:26-01-2024

Test: Weld Test

Sample Type: Deformed Bar (# 4), Weld Size 12 Inch

Weld Test

Sr.No	Sample Type	Ultimate Load (kN)	Ultimate Stress (psi)	Remarks
1	Deformed Bar (# 4)	78.0	87680	Rebar Failed

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

Ehtesham Yasin,ARE

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

JERS Consultancy (Pvt) Ltd.(Improvement and Const.Of Roads and Chowks at Wazirabad City)

Client Reference: 488-JO1-ARE-/wzd/26

SOM Lab

Ref: 3568(Page-1/1)

Dated: 24-01-2024

Dated: 26-01-2024

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	0.665	4	0.498	0.20	0.195	4.94	7.49	54520	55920	82620	84740	1.10	8.0	13.8	
2	0.667	4	0.500	0.20	0.196	4.86	7.46	53620	54720	82290	83960	1.20	8.0	15.0	
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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

Mubashir Ahmad Khan
234-D OPF, Khayyan e Jinnah Road Lahore.

Test Performed By: Dr. /Engr. Wasim Abbas

Client Reference: Nil

SOM Lab

Ref: 3569 (Page-1/1)

Dated: 26-01-2024

Dated: 26-01-2024

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	1.485	6	0.745	0.44	0.436	13.83	21.94	69340	69970	109960	110970	1.30	8.0	16.3	
2	1.492	6	0.747	0.44	0.438	13.93	22.07	69850	70170	110620	111130	1.20	8.0	15.0	
3	0.656	4	0.496	0.20	0.193	6.57	9.79	72510	75140	107910	111830	1.20	8.0	15.0	
4	0.650	4	0.493	0.20	0.191	6.54	9.79	72170	75570	107910	113000	1.20	8.0	15.0	
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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

Engr's Abdul Waheed

Test Performed By: Dr. /Engr. Nauman Khurram

PE OZ Developers Lahore.(Const a High-rise Building Bahria Sky at Bahria Orchard ph-4 Lhr)

Client Reference: Nil

SOM Lab

Ref: 3570 (Page-1/1)

Dated: 26-01-2024

Dated: 26-01-2024

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	2.575	8	0.982	0.79	0.757	28.26	34.10	78890	82330	95190	99340	1.40	8.0	17.5	
2	2.569	8	0.980	0.79	0.755	28.56	34.00	79740	83440	94910	99310	1.50	8.0	18.8	
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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

Sheikhoo Steel

Test Performed By: Dr. /Engr. Nauman Khurram

Director Projects, Sheikhoo Sugar Mills (Steel Div) Anwar Abad Kot Addu, Muzaffargarh.

Client Reference: Nil

SOM Lab

Ref: 3571 (Page-1/1)

Dated: 22-01-2024

Dated: 26-01-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A-615

Gauge Length: 8 inch

Sample Type: Deformed Bar (Sheikhoo 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	2.635	8	0.993	0.79	0.774	26.37	36.14	73620	75140	100880	102970	1.50	8.0	18.8	
2	2.622	8	0.991	0.79	0.771	26.40	35.83	73710	75520	100030	102500	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

Major Ihtisham Khan

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

GE (Army)-I Sialkot.(Const Of 8x Sldrs Flats "G+3" Block No.1&2,1 AK Regt,HQ 15 Div Slk Cantt)

Client Reference: 6002/05/E-6

SOM Lab

Ref: 3572 (Page-1/1)

Dated: 15-01-2024

Dated: 26-01-2024

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	2.574	8	0.981	0.79	0.756	25.23	33.71	70440	73600	94110	98340	1.50	8.0	18.8	
2	2.569	8	0.980	0.79	0.755	25.28	33.56	70580	73850	93680	98030	1.60	8.0	20.0	
3	1.516	6	0.754	0.44	0.446	13.43	20.85	67290	66390	104490	103080	1.40	8.0	17.5	
4	1.529	6	0.756	0.44	0.449	13.51	20.87	67700	66350	104590	102500	1.30	8.0	16.3	
5	1.002	5	0.612	0.31	0.294	12.00	14.55	85360	90010	103490	109120	1.30	8.0	16.3	
6	1.004	5	0.613	0.31	0.295	11.67	14.27	83040	87260	101530	106690	1.40	8.0	17.5	
7	0.672	4	0.501	0.20	0.197	5.56	7.90	61270	62200	87120	88450	1.10	8.0	13.8	
8	0.672	4	0.501	0.20	0.197	5.50	7.85	60700	61630	86560	87870	1.00	8.0	12.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Twelve Samples Received and Tested
# 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: Please always confirm the results of above report on web www.uet-civil.edu.pk

Naeem Shinwari,RE

Test Performed By:

Dr. /Engr. Asif Hameed

Shahzad Ayub Associates New Metro City Sri Alamgir.(Ghousia Engineering)

Client Reference: SAA-St-Rep-013

SOM Lab

Ref: 3573(Page-1/1)

Dated: 25-01-2024

Dated: 26-01-2024

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	0.674	4	0.502	0.20	0.198	6.95	9.23	76660	77440	101730	102760	1.10	8.0	13.8	
2	0.665	4	0.498	0.20	0.195	7.14	9.53	78690	80710	105100	107800	1.20	8.0	15.0	
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Witnessed By: M.Sulyman (BSM-Sr Lab Tech)

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

Muhammad Naeem,RE
 Shahzad Ayub Associates New Metro City Sri Alamgir.(Sierra Developers)

Test Performed By: Dr. /Engr. Asif Hameed

Client Reference: SAA-St-Rep-014

SOM Lab

Ref: 3574(Page-1/1)

Dated: 25-01-2024

Dated: 26-01-2024

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	0.664	4	0.498	0.20	0.195	7.05	9.14	77790	79780	100830	103420	1.10	8.0	13.8	
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Witnessed By: M.Sulyman (BSM-Sr Lab Tech)

BEND TEST:

# 4	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Two Samples Received and Tested

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

Executive Engineer

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

HSD Okara.(Rehb Of Depalpur-Haveli Lakha Rd Via Bhuman Shah& Wasawala)

Client Reference: 362/CB

SOM Lab

Ref:

3575 (Page-1/1)

Dated: 01-01-2024

Dated:

26-01-2024

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	2.670	8	1.000	0.79	0.785	26.10	33.84	72850	73320	94480	95080	1.20	8.0	15.0	
2	2.673	8	1.000	0.79	0.786	25.59	33.81	71430	71800	94400	94880	1.30	8.0	16.3	
3	1.506	6	0.751	0.44	0.443	14.37	19.83	72050	71560	99380	98710	1.40	8.0	17.5	
4	1.503	6	0.750	0.44	0.442	14.50	19.88	72660	72330	99640	99190	1.30	8.0	16.3	
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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