

Arshad Hussain,RE

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

Indus-Cameos-Karakoram (JV).(Improvement and Rehb Of Mianwali-Muzaffargarh Road)

Client Reference: RE/IAC/2023/210

Dated: 06-02-2023

SOM Lab Ref: CED/SOM/1767(Page-1/2)

Dated: 16-02-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar

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	3.925	25	25.23	491	500	259.50	335.70	529	519	684	672	30.0	200	15.0	
2	3.926	25	25.24	491	500	260.20	335.20	530	521	683	671	35.0	200	17.5	
3	1.002	12	12.75	113	128	73.20	90.20	647	574	798	707	27.5	200	13.8	
4	0.998	12	12.72	113	127	73.20	90.00	647	576	796	708	27.5	200	13.8	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
12mm	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

Arshad Hussain,RE

Test Performed By:

Dr. /Engr.

S.Asad Ali Gillani

Indus-Cameos-Karakoram (JV).(Improvement and Rehb Of Mianwali-Muzaffargarh Road)

Client Reference: RE/IAC/2023/213

Dated: 06-02-2023

SOM Lab Ref: CED/SOM/1767(Page-2/2)

Dated: 16-02-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-A 615

Sample Type: M S Deformed Bar

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	3.914	25	25.21	491	499	260.70	336.50	531	523	686	675	35.0	200	17.5	
2	3.929	25	25.25	491	501	260.00	335.50	530	520	683	671	32.5	200	16.3	
3	0.972	12	12.56	113	124	72.20	90.00	638	583	796	727	27.5	200	13.8	
4	1.000	12	12.74	113	127	72.20	90.50	638	567	800	711	30.0	200	15.0	
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BEND TEST:

25mm	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Six Samples Received and Tested
12mm	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

Sakir Cengiz

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Project Manager Diamer Basha Consultants Group.(Diamer Basha Dam Project)

Client Reference: CONSULT-UET-010-051

Dated: 14-02-2023

SOM Lab Ref: CED/SOM/1770(Page-1/1)

Dated: 16-02-2023

Test: Tension Test & Bend Test

Test Specification: ASTM-F 1554

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	1.523	16	15.72	201	194	92.20	135.00	459	476	671	696	37.5	200	18.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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BEND TEST:

-- No Bend test performed

Note:-Only One Sample
Received and TestedNote: Please always confirm the results of above report on web www.uet-civil.edu.pk

Masood Farid
S. E(Civil), SWP PAEC,WASO,D.G Khan.

Test Performed By: Dr. /Engr. Yousaf

Client Reference: Misc.Works-2021 at DG Khan
Dated: 06-02-2023
Test: Tension Test & Bend Test
Gauge Length: 8 inch

SOM Lab
Ref: 1765 (Page-1/1)
Dated: 16-02-2023
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	0.672	4	0.501	0.20	0.197	5.78	8.38	63740	64710	92400	93810	1.30	8.0	16.3	
2	0.671	4	0.501	0.20	0.197	5.61	7.82	61830	62770	86220	87530	1.50	8.0	18.8	
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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

Khalid Bashir

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Ittefaq Building Solution (Pvt)Ltd.(Malik Sohail, House # 229-M DHA Phase-6)

Client Reference: IBS/SA/ST001

SOM Lab

Ref:

1766 (Page-1/1)

Dated: 09-02-2023

Dated:

16-02-2023

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	2.657	8	0.997	0.79	0.781	29.33	36.85	81880	82820	102880	104060	1.50	8.0	18.8	
2	2.666	8	0.998	0.79	0.783	29.23	36.75	81590	82320	102590	103510	1.30	8.0	16.3	
3	1.514	6	0.753	0.44	0.445	16.18	20.13	81090	80180	100910	99780	1.20	8.0	15.0	
4	1.501	6	0.749	0.44	0.441	15.80	19.59	79200	79020	98210	97980	1.10	8.0	13.8	
5	0.674	4	0.502	0.20	0.198	6.52	8.21	71940	72670	90490	91400	1.30	8.0	16.3	
6	0.671	4	0.501	0.20	0.197	6.49	8.21	71610	72700	90490	91870	1.30	8.0	16.3	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine 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

ACE Consultants.

Test Performed By:

Dr. /Engr. Asad Ali Gillani

RE ACE Ltd UAEET Sambrial,Sialkot.(Estb Of UAEET Sambrial,Sialkot)

Client Reference: ER/UAEET/ACE/2023/191

SOM Lab

Ref: 1768 (Page-1/1)

Dated: 15-02-2023

Dated: 16-02-2023

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	1.526	6	0.755	0.44	0.448	14.50	19.16	72660	71360	96060	94340	1.30	8.0	16.3	
2	1.524	6	0.755	0.44	0.448	14.48	19.29	72560	71260	96670	94950	1.40	8.0	17.5	
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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

ACE Consultants.

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

RE ACE Ltd UAEET Sambrial,Sialkot.(Estb Of UAEET Sambrial,Sialkot)

SOM Lab

Client Reference: ER/UAEET/ACE/2023/192

Ref:

1769 (Page-1/1)

Dated: 15-02-2023

Dated:

16-02-2023

Test: Tension Test & Bend Test

Test Specification:

ASTM-A-615

Gauge Length: 8 inch

Sample Type:

Deformed Bar (Pak 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	25.56	32.47	71350	73580	90640	93480	1.70	8.0	21.3	
2	2.603	8	0.987	0.79	0.765	25.66	32.42	71630	73970	90500	93460	1.50	8.0	18.8	
3	1.503	6	0.750	0.44	0.442	14.39	19.47	72150	71820	97590	97150	1.20	8.0	15.0	
4	1.520	6	0.754	0.44	0.447	14.34	19.39	71890	70770	97180	95660	1.30	8.0	16.3	
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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

Zafar Iqbal

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

PM United LifeStyle Pvt. Ltd.(Sky Scraper By United at Johar Town Lahore)

Client Reference: ULS/2022-23/025

SOM Lab

Ref:

1771 (Page-1/1)

Dated: 16-02-2023

Dated:

16-02-2023

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	2.653	8	0.997	0.79	0.780	25.71	32.72	71770	72690	91350	92520	1.60	8.0	20.0	
2	2.650	8	0.996	0.79	0.779	25.64	32.69	71570	72580	91270	92550	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

Gul Waqas Shahid

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

Unirazz Services Lhr.(HVAC Trench/Workshop and Locker Room Works at Packages Estate Pvt.Ltd)

Client Reference: USPL/PRPL/1402

SOM Lab

Ref: 1772 (Page-1/1)

Dated: 14-02-2023

Dated: 16-02-2023

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	1.480	6	0.744	0.44	0.435	14.37	19.37	72050	72870	97080	98200	1.30	8.0	16.3	
2	1.488	6	0.746	0.44	0.437	14.27	19.47	71540	72030	97590	98260	1.30	8.0	16.3	
3	0.670	4	0.501	0.20	0.197	6.12	8.31	67450	68470	91610	93010	1.40	8.0	17.5	
4	0.666	4	0.500	0.20	0.196	5.63	7.95	62050	63320	87680	89470	1.30	8.0	16.3	
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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

Ashraf Ali,RE

Test Performed By:

Dr. /Engr. Asad Ali Gillani

AZEA Sargodha Residency.(Sargodha Fiasalabad Bypass To Jhal Chakian Via Lhr Rd Bypass)

Client Reference: RE/AZEA/SGD/191

SOM Lab

Ref: 1774 (Page-1/1)

Dated: 02-02-2023

Dated: 16-02-2023

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	2.658	8	0.997	0.79	0.781	20.49	29.68	57200	57860	82870	83830	1.40	8.0	17.5	
2	2.654	8	0.997	0.79	0.780	20.36	29.79	56830	57560	83160	84220	1.50	8.0	18.8	
3	1.107	5	0.643	0.31	0.325	7.10	11.26	50550	48220	80140	76440	1.10	8.0	13.8	
4	1.107	5	0.643	0.31	0.325	10.24	13.61	72890	69520	96820	92350	1.20	8.0	15.0	
5	0.665	4	0.498	0.20	0.195	7.59	8.87	83750	85890	97800	100300	1.00	8.0	12.5	
6	0.661	4	0.497	0.20	0.194	7.54	8.86	83180	85760	97680	100710	1.00	8.0	12.5	
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BEND TEST:

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

Ehsan U Rehman

Test Performed By:

Dr. /Engr.

Asad Ali Gillani

Meezan Developers Lahore.(Const Of Jamia Tur Rasheed Lahore Campus)

Client Reference: 00-125-255

SOM Lab

Ref:

1775 (Page-1/1)

Dated: 16-02-2023

Dated:

16-02-2023

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	28.90	34.93	80680	82780	97530	100060	1.40	8.0	17.5	
2	2.637	8	0.993	0.79	0.775	28.34	34.71	79120	80650	96900	98780	1.40	8.0	17.5	
3	1.496	6	0.748	0.44	0.440	16.69	20.03	83640	83640	100400	100400	1.30	8.0	16.3	
4	1.503	6	0.750	0.44	0.442	16.62	20.08	83290	82910	100660	100200	1.30	8.0	16.3	
5	0.668	4	0.500	0.20	0.196	7.14	8.74	78690	80290	96340	98300	1.10	8.0	13.8	
6	0.671	4	0.501	0.20	0.197	6.90	8.46	76100	77260	93300	94720	1.00	8.0	12.5	
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BEND TEST:

# 8	Sample bend through 180 degrees Satisfactorily without any crack	Note:- Only Nine 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

