STRUCTURAL ENGINEERING DIVISION
Test Floor Laboratory
Department of Civil Engineering
University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

Ref: CED/TFL/10/5828 Dated: 14-10-2024

Date of Test: 17-10-2024

To,

Resident Engineer
Diamer Basha Consultants Group (DBCG)
NESPAK - ACE - MMP - MWH - POYRY – DOLSAR Jv
Diamer Basha Dam Project

Subject: **- CALIBRATION OF DIAL GAUGES (MARK: TFL/10/5528)** (Page # 1/1)

Reference to your Letter No. DBCG/Lab/PFJV/2024/047, Dated: 11/10/2024 on the subject cited above. Three Dial Gauges as received by us have been calibrated on standard calibration device. The results are tabulated as under.

Total Range : Zero - 10 (mm)
Calibrated Range : Zero - 10 (mm)

Standard Reading	Dial Gauge Readings		
	Dial Gauge No. I (4202770)	Dial Gauge No. II (4203834)	Dial Gauge No. III (4203026)
100	96	94	94
200	196	194	194
300	296	294	293
400	395	393	393
500	495	493	492
600	596	593	593
700	696	693	693
800	796	793	793
900	896	893	893
1000	996	993	994

I/C Testing Laboratoires
UET Lahore, Pakistan.

Note:
1- You can See your reports On Internet in the following web site
http://www.uet.edu.pk/faculties/facultiesinfo/civil/index.html?RID=testing_reports
2. The above results pertain to sample /samples supplied to this laboratory.
3- Sealed sample / Unsealed sample / Marked sample/Signed Samples

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To,

Resident Engineer
NESPAK – ACE
Punjab Sustainable Water Supply and Sanitation Project (PRSWSSP). Darya Khan (Package-I)

Reference # CED/TFL **5846** (Dr. M Kashif) Dated: 16-10-2024
Reference of the request letter # 4608/PRSWSSP/RE/DYK/295 Dated: 14-10-2024

Tension Test Report (Page -1/1)

Date of Test 17-10-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.383	3	0.378	0.11	0.112	3400	4900	68200	66620	98200	96100	1.30	16.3	
2	0.381	3	0.377	0.11	0.112	3400	4900	68200	66980	98200	96600	1.40	17.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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To,

M/S Baig Construction Co.
Lahore
(Digital World Pakistan Multan Road Manga.)

Reference # CED/TFL **5849** (Dr. M Kashif) Dated: 16-10-2024
Reference of the request letter # Nil Dated: 16-10-2024

Tension Test Report (Page -1/1)

Date of Test 17-10-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal (#)	Actual (inch)	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.377	3	0.376	0.11	0.111	3300	5100	66200	65560	102200	101400	1.10	13.8	Aziz Steel
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only one sample for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180º is Satisfactory														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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