STRUCTURAL ENGINEERING DIVISION

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

To,

Resident Engineer
NESPAK - TurkPak JV
Construction of New GOR Near DHA - IX, Lahore.

Reference # CED/TFL **6043** (Dr. Safeer Abbas) Dated: 25-11-2024
Reference of the request letter # 4769/13/MAA/24/70 Dated: 12-11-2024

Tension Test Report (Page -1/1)

Date of Test 28-11-2023
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	0.376	3	0.375	0.11	0.110	3300	4700	66200	65890	94200	93900	1.40	17.5	Kamran Steel
2	0.376	3	0.375	0.11	0.110	3600	5200	72200	71880	104200	103900	1.30	16.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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.

Note:
1- You can See your reports On Internet in the following web site
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2. The above results pertain to sample /samples supplied to this laboratory.
3- Sealed sample / Unsealed sample / Marked sample/Signed Samples

STRUCTURAL ENGINEERING DIVISION

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Department of Civil Engineering
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Pakistan. Ph: 92-42-99029202

To,

Sub Divisional Officer
Buildings Sub Division
Kallur Kot
(Program for Revamping of 552 BHUS of North and Central Punjab (Phase-1) District Bhakkar (ADP No. 364 for 2024-25) (Health Department) BHU Noon Daggar Kallur kot.))

Reference # CED/TFL **6044** (Dr. Safeer Abbas) Dated: 26-11-2024
Reference of the request letter # 440 Dated: 14-10-2024

Tension Test Report (Page -1/1)

Date of Test 28-11-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile 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	3/8	0.379	0.11	0.113	4000	5000	80200	78330	100200	98000	0.90	11.3	
2	0.380	3/8	0.377	0.11	0.112	4000	5100	80200	78890	102200	100600	0.90	11.3	`
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile test														
Bend Test														

I/C Testing Laboratoires
UET Lahore, Pakistan.

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STRUCTURAL ENGINEERING DIVISION

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

To,

Resident Engineer
NESPAK
Construction of Ornamental Main Gate at M-Block LDA Avenue-I

Reference # CED/TFL **6045** (Dr. Safeer Abbas) Dated: 26-11-2024
Reference of the request letter # 2599/13/RK/05/GT/298 Dated: 20-11-2024

Tension Test Report (Page -1/1)

Date of Test 28-11-2024
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	0.376	3	0.375	0.11	0.110	4000	5600	80200	79820	112300	111800	0.80	10.0	AF Steel
2	0.374	3	0.374	0.11	0.110	4000	5300	80200	80200	106200	106300	0.90	11.3	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
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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STRUCTURAL ENGINEERING DIVISION

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

To,

Resident Engineer
NESPAK
Expansion of Joint Chek Post Wagha, Lahore.

Reference # CED/TFL **6046** (Dr. Safeer Abbas) Dated: 26-11-2024
Reference of the request letter # 4749/031/YK/01/95 Dated: 26-11-2024

Tension Test Report (Page -1/1)

Date of Test 28-11-2024
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	0.373	3	0.374	0.11	0.110	3300	4800	66200	66350	96200	96600	1.30	16.3	Aziz Steel
2	0.371	3	0.373	0.11	0.109	3400	4800	68200	68650	96200	97000	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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STRUCTURAL ENGINEERING DIVISION

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

To,

Asst. Resident Engineer
Rehman Habib Consultants Pvt Ltd.
Construction / Renovation of 17 Centers of Excellence (COEs) in Existing TEVTA & PVTC Institutes in Punjab Province Under Improving Workforce Readiness in Punjab Project (IWRPP).
Government College of Technology (GCT), Sahiwal.

Reference # CED/TFL **6053,** (Dr. Safeer Abbass) Dated: 28-11-2024
Reference of the request letter # COE/RHC/MLT/24/010 Dated: 26-11-2024

Tension Test Report (Page -1/1)

Date of Test 28-11-2024
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	0.366	3	0.370	0.11	0.108	3500	5300	70200	71710	106200	108600	1.00	12.5	Markhor Steel
2	0.368	3	0.371	0.11	0.108	3400	5400	68200	69210	108200	110000	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

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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University of Engineering and Technology Lahore, 54890
Pakistan. Ph: 92-42-99029202

To,

Sufi Muhammad HAroon HAris
Green Fort-1, Plot # 01, Raiwind, Lahore.

Reference # CED/TFL **6054** (Dr. Safeer Abbass) Dated: 28-11-2024
Reference of the request letter # Green Fort-1/UET/Steel Test Dated: 28-11-2024

Tension Test Report (Page -1/1)

Date of Test 28-11-2024
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight	Diameter/ Size (inch)		Area (in^2)		Yield load	Breaking Load	Yield Stress (psi)		Ultimate Stress (psi)		Elongation	% Elongation	Remarks
	(lbs/ft)	Nominal	Actual	Nominal	Actual	(kg)	(kg)	Nominal	Actual	Nominal	Actual	(inch)		
1	0.374	3/8	0.374	0.11	0.110	3400	4900	68200	68160	98200	98300	1.20	15.0	Sheikhoo Steel
2	0.374	3/8	0.374	0.11	0.110	3500	4900	70200	70160	98200	98300	1.60	20.0	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Note: only two samples for tensile and one sample for bend test

Bend Test

3/8" Dia Bar Bend Test Through 180º is Satisfactory

I/C Testing Laboratoires
UET Lahore, Pakistan.

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