



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

To,
M/S Defence Housing Authority.
Lahore Cantt
(Infra Dev Works at Sector-R, Pkg- 1 DHA (Prism) Ph-IX) – (M/s DHA-C Coy)

Reference # CED/TFL **36851** (Dr. Waseem Abbass)
Reference of the request letter # 408/241/E/Lab/6510R/113

Dated: 10-08-2021
Dated: 09-08-2021

Tension Test Report (Page -1/1)

Date of Test 10-08-2021
Gauge length 8 inches
Description Deformed Steel Bar Tensile and Bend Test as per ASTM-A615

Sr. No.	Weight (lbs/ft)	Diameter/ size		Area (in ²)		Yield load (kg)	Breaking Load (kg)	Yield Stress (psi)		Ultimate Stress (psi)		Elongation (inch)	% Elongation	Remarks
		Nominal (#)	Actual (inch)	Nominal	Actual			Nominal	Actual	Nominal	Actual			
1	0.376	3	0.375	0.11	0.111	3740	5710	75000	74540	114500	113900	1.10	13.8	Saeed Kasuri
2	0.373	3	0.374	0.11	0.110	3690	5680	74000	74140	113900	114200	1.00	12.5	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only two samples for tensile and one sample for bend test														
Bend Test														
#3 Bar Bend Test Through 180° is Satisfactory														

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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Ref: CED/TFL/08/36853

Dated: 10-08-2021

Dated of Test: 10-08-2021

To
Assistant Manager Production
Rhino Pre-Engineered Buildings Private Limited
Lahore

Subject: - **CALIBRATION OF WEIGHTING GAUGE (10MT) (MARK: TFL/08/36853)**
(Page # 1/2)

Ref: Your letter No. Nil, dated: 10/08/2021 on the subject cited above. One Weighting Gauge (10MT) as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 10000 (kg)
Calibrated Range : Zero - 7500 (kg)

Weighting Gauge Readings (kg)	Calibrated Readings (kg)
500	440
1000	940
1500	1420
2000	1820
2500	2400
3000	2920
3500	3380
4000	3920
4500	4440
5000	4900
5500	5420
6000	5880
6500	6380
7000	6920
7500	7340

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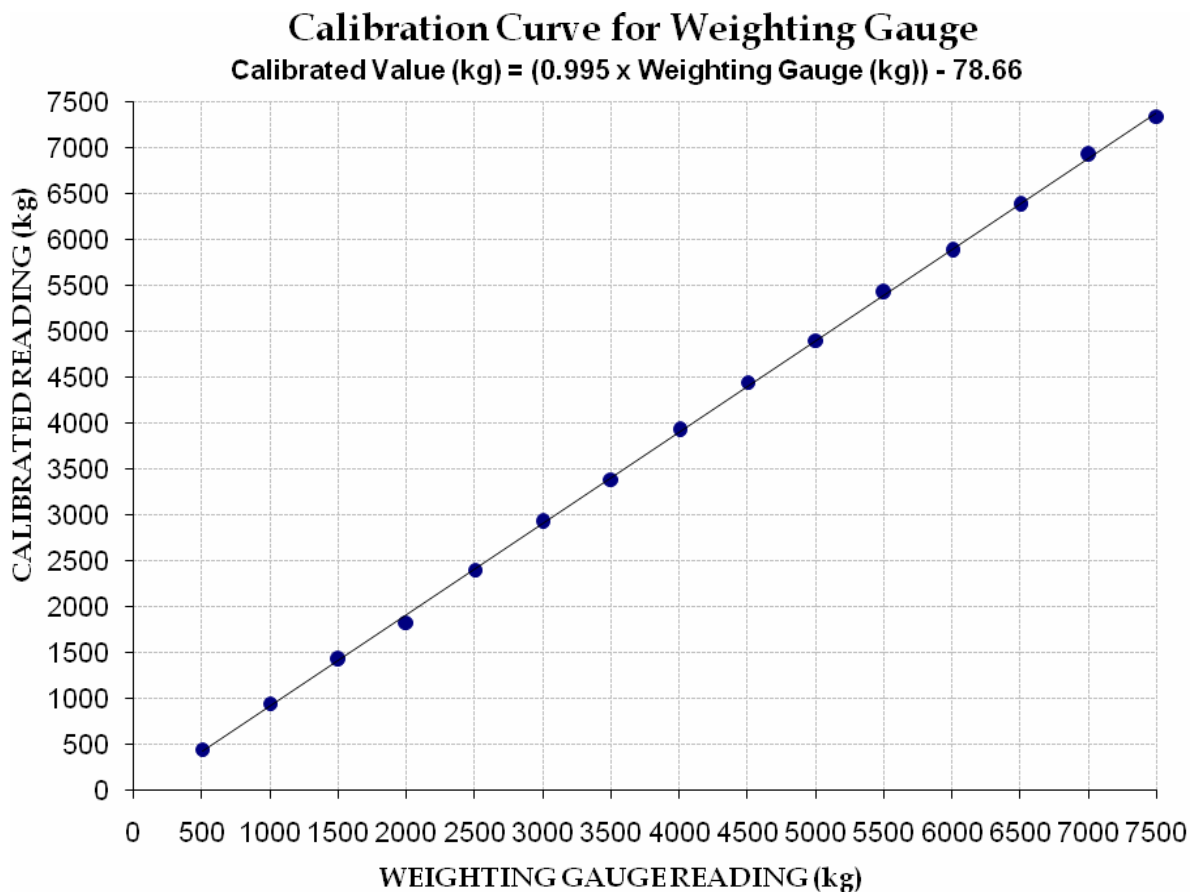
Ref: CED/TFL/08/36853

Dated: 10-08-2021

Dated of Test: 10-08-2021

To
Assistant Manager Production
Rhino Pre-Engineered Buildings Private Limited
Lahore

Subject: - **CALIBRATION OF WEIGHTING GAUGE (10MT) (MARK: TFL/08/36853)**
(Page # 2/2)



I/C Testing Laboratories
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