



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/05/33218

Dated: 13-05-19

To
M/S Hiscon Engineers
Muridkey-Sheikhupura Road, District Sheikhupura

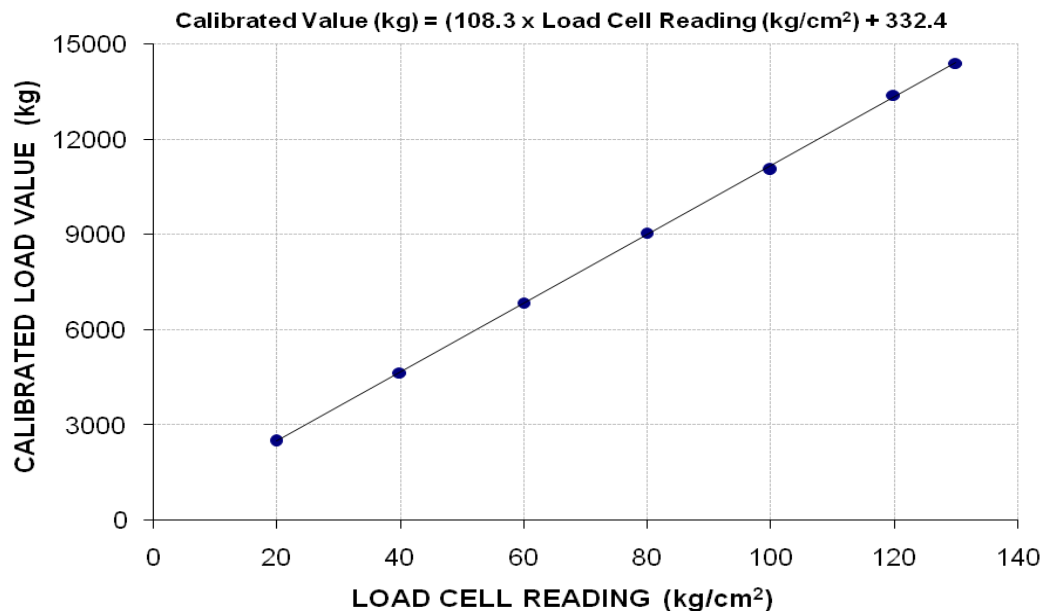
Subject: - CALIBRATION OF LOAD CELL (MARK: TFL/05/33218) (Page – 1/2)

Reference to your Letter No. Nil, Dated: 13/05/2019 on the subject cited above. One Load Cell (No. HCN-202) as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 160 (kg/cm²)
Calibrated Range : Zero - 130 (kg/cm²)

Load Cell Reading (kg/cm ²)	20	40	60	80	100	120	130
Calibrated Load (kg)	2500	4650	6850	9050	11050	13400	14400

Calibration Curve For Load Cell No. HCN-202



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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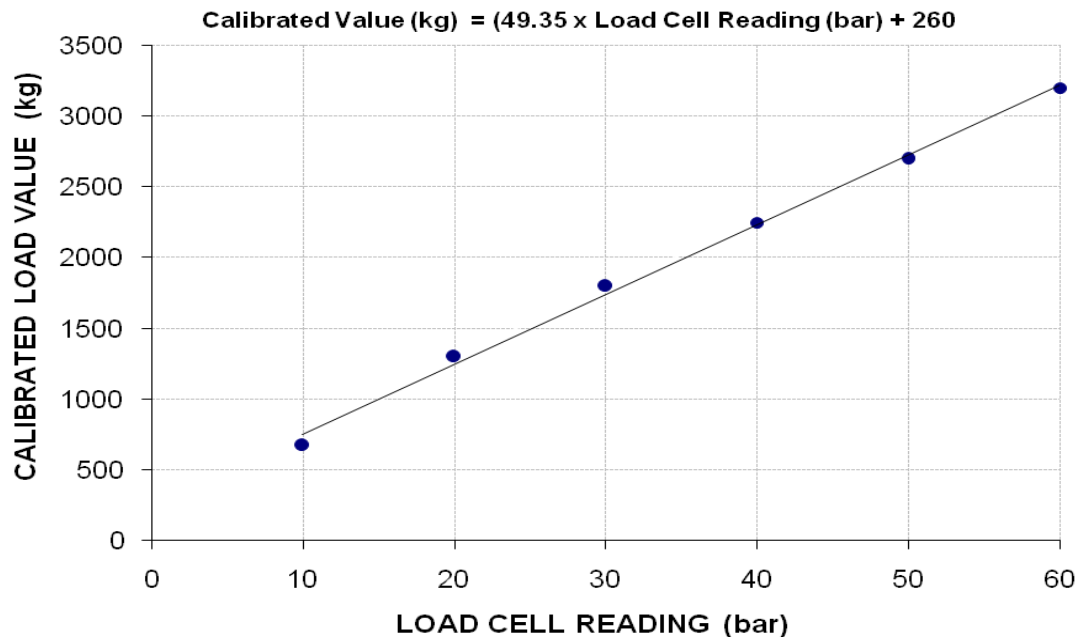
Subject: - CALIBRATION OF LOAD CELL (MARK: TFL/05/33218) (Page – 2/2)

Reference to your Letter No. Nil, Dated: 13/05/2019 on the subject cited above. One Load Cell (No. HCN-404) as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 80 (bar)
Calibrated Range : Zero - 60 (bar)

Load Cell Reading (Psi)	10	20	30	40	50	60
Calibrated Load (kg)	675	1300	1800	2250	2700	3200

Calibration Curve For Load Cell No. HCN-404



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UET Lahore, Pakistan.

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To,
 Resident Engineer
 Allied Engineering Consultants (Pvt) Ltd
 Construction Supervision Services of Multi-Storied Dr. A.Q Khan Hospital
 (SJ Steel)

Reference # CED/TFL **33230** (Dr. M Rizwan Riaz)
 Reference of the request letter # AEC/LHR-1/2019/578

Dated: 14-05-2019
 Dated: 13-05-2019

Tension Test Report (Page -1/1)

Date of Test 14-05-2019
 Gauge length 8 inches
 Description Deformed Steel Bar Tensile 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	0.401	3	0.388	0.11	0.118	3000	5300	60200	56060	106200	99100	1.30	16.3	
2	0.374	3	0.374	0.11	0.110	3200	5000	64200	64210	100200	100400	0.90	11.3	
3	0.404	3	0.389	0.11	0.119	3300	5300	66200	61230	106200	98400	1.10	13.8	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Note: only three samples for tensile test														
Bend Test														

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Witnessed by Engr. Rameez Khalid (Engineer A.Q Khan Trust)

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