



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/06/33446

Dated: 26-06-19

To
Assistant Engineer's Representative
EA Consulting Pvt Ltd
BF Tower Project, Islamabad

Subject: - CALIBRATION OF HYDRAULIC JACK (MARK: TFL/06/33446) (Page # 1/2)

Reference to your Letter No. BF/EA-RE/08(Calibration)/2018-03, dated: 21/06/2019 on the subject cited above. One Hydraulic Jack as received by us has been calibrated. The results are tabulated as under:

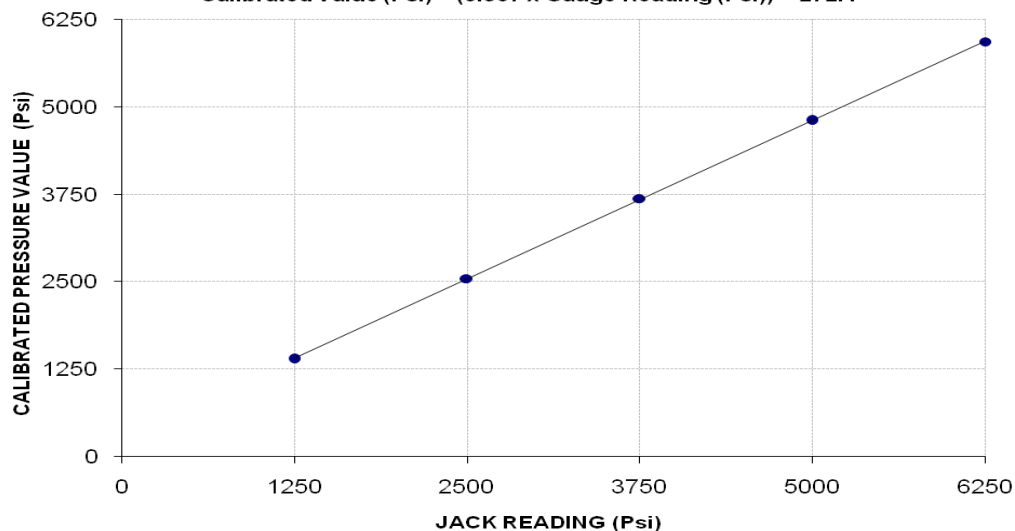
Total Range : Zero - 15000 (Psi)
Calibrated Range : Zero - 6250 (Psi)

Hydraulic Jack Reading (Psi)	1250	2500	3750	5000	6250
Calibrated Load (kg)	28000	51000	74000	96400	119000
Calibrated Pressure (Psi)	1397.21	2544.92	3692.63	4810.40	5938.15

The Ram Area of Jack = 44.18 in² (Witness by Muhammad Habib Khan (EA Consulting - BF Tower Islamabad))

Calibration Curve for Jack

$$\text{Calibrated Value (Psi)} = (0.907 \times \text{Gauge Reading (Psi)}) + 272.4$$



I/C Testing Laboratories
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
Assistant Engineer's Representative
EA Consulting Pvt Ltd
BF Tower Project, Islamabad

Subject: - CALIBRATION OF DIAL GAUGES (MARK: TFL/05/33446) (Page # 2/2)

Reference to your Letter No. BF/EA-RE/08(Calibration)/2018-03, dated: 21/06/2019 on the subject cited above. Four Dial Gauges as received by us have been calibrated on standard calibration device. The results are tabulated as under.

Total Range : Zero - 50 (mm)
Calibrated Range : Zero - 30 (mm)

Standard Reading	Dial Gauge Readings			
	Dial Gauge No. I (HO7096)	Dial Gauge No. II (99224)	Dial Gauge No. III (HO7135)	Dial Gauge No. IV (SI3710)
200	198	196	199	198
400	398	396	400	399
600	597	595	599	598
800	796	795	800	799
1000	996	994	1001	1000
1200	1195	1194	1201	1198
1400	1395	1394	1400	1398
1600	1596	1594	1600	1598
1800	1793	1793	1800	1798
2000	1993	1993	2001	1999
2200	2194	2192	2200	2198
2400	2394	2393	2400	2398
2600	2591	2591	2600	2597
2800	2793	2791	2801	2798
3000	2991	2992	3001	2998

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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