



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/08/35226

Dated: 17-08-2020

Dated of Test: 18-08-2020

To
Assistant Director (QCD)
WASA, LDA, Lahore
(M/s Shezone Pipe Industries)

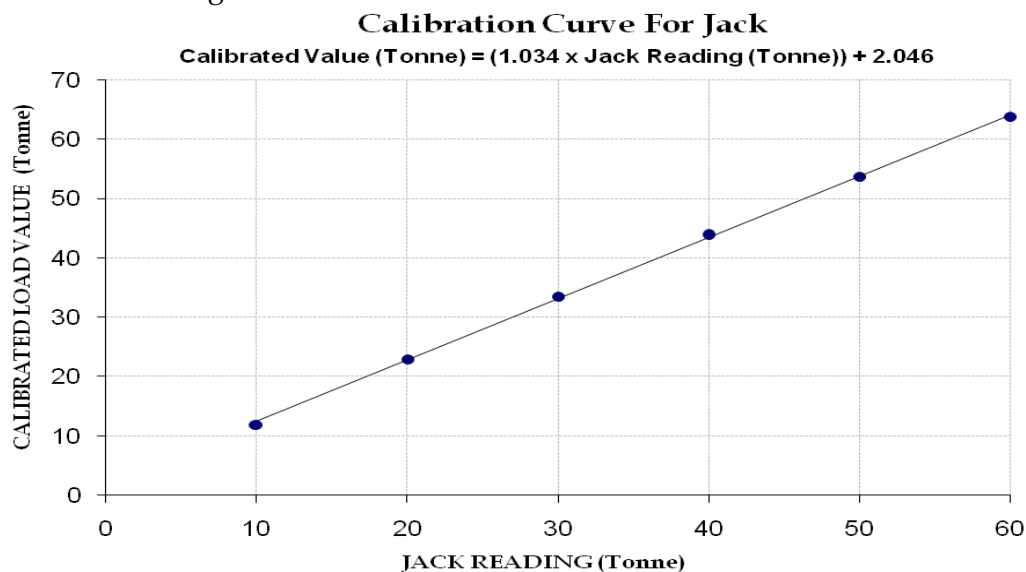
Subject: - **CALIBRATION OF HYDRAULIC JACK (MARK: TFL/08/35226)**

Reference to your Letter No. QCD/466-67, Dated: 17/02/2020 on the subject cited above. One Hydraulic Jack as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 100 (Tonne)
Calibrated Range : Zero - 60 (Tonne)

Hydraulic Jack Reading (Tonne)		10	20	30	40	50	60
Calibrated Load	(kg)	11900	22900	33500	43800	53700	63800
	Tonne	11.90	22.90	33.50	43.80	53.70	63.80

1 Tonne = 1000 Kg



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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Ref: CED/TFL/08/35230
2020

Dated: 17-08-

Dated of Test: 18-08-2020

To
Project Director
DGKIC, IDAP
Establishment of Sardar Fateh Muhammad Khan Buzdar Institute of Cardiology, D.G
Khan
Subject: - CALIBRATION OF HYDRAULIC JACK WITH PRESSURE GAUGE
(MARK: TFL/06/35230) (Page # 1/1)

Reference to your Letter No. PD(DGKIC)/IDAP/2020/10474, dated: 23/06/2020 on the subject cited above. One Hydraulic No. H.J.N 001-08-01 with Pressure Gauge as received by us has been calibrated. The results are tabulated as under:

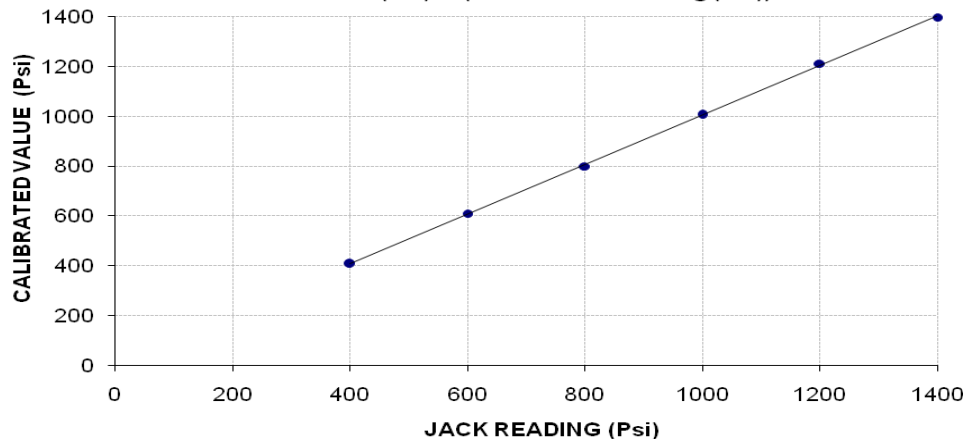
Total Range : Zero - 10000 (Psi)
Calibrated Range : Zero - 1400 (Psi)

Hydraulic Jack Reading (Psi)	400	600	800	1000	1200	1400
Calibrated Load (kg)	48267	72267	94667	119200	143733	165733
Calibrated Pressure (Psi)	406.79	609.06	797.85	1004.62	1211.39	1396.80

The Ram Area of Jack = 261.58 in²

Calibration Curve For Jack

$$\text{Calibrated Value (Psi)} = (0.994 \times \text{Jack Reading (Psi)}) + 9.075$$



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