



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/06/36637

Dated: 24-06-2021

Dated of Test: 25-06-2021

To
M/S StrongForce Private Limited
Lahore
(Rehabilitation Works to Raw Meal, Cement & Clinker Silos, Kohat Cement Co. Ltd)

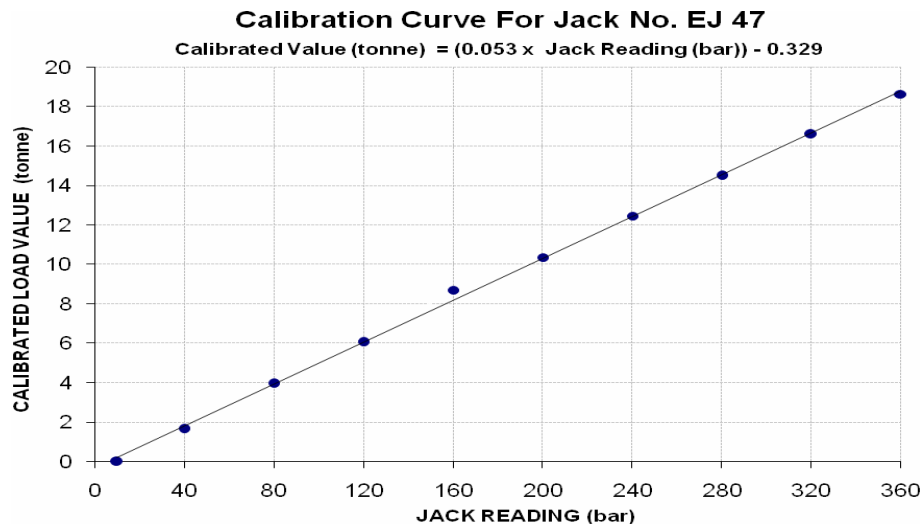
Subject: - CALIBRATION OF HYDRAULIC JACK (MARK: TFL/06/36637) (Page -1/2)

Reference to your Letter No. L2021-06-11413, dated: 23/06/2021 on the subject cited above. One Hydraulic Jack (Jack No. EJ 47, Gauge No. SF-47) as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 1000 (bar)
Calibrated Range : Zero - 360 (bar)

Hydraulic Jack Reading (bar)	10	40	80	120	160	200	240	280	320	360	
Calibrated Load	(kg)	0	1650	3950	6050	8700	10350	12450	14500	16600	18650
	(Tonne)	0	1.65	3.95	6.05	8.70	10.35	12.45	14.50	16.60	18.65
Calibrated Pressure (bar)	0	31.70	75.88	116.22	167.13	198.83	239.17	278.55	318.90	358.28	

(1 Tonne = 1000 kg) The Ram Area of Jack = 51.05 cm²



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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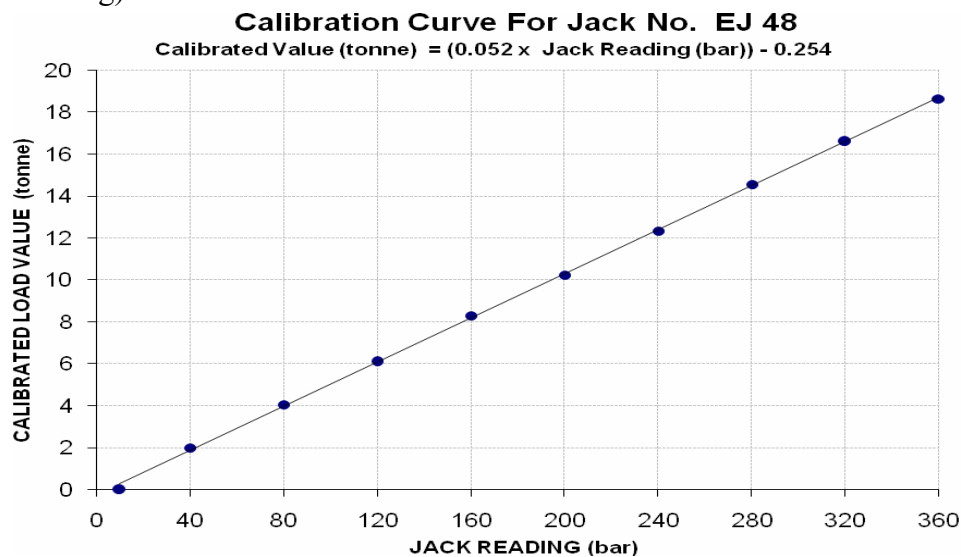
Subject: - CALIBRATION OF HYDRAULIC JACK (MARK: TFL/06/36637) (Page -2/2)

Reference to your Letter No. L2021-06-11413, dated: 23/06/2021 on the subject cited above. One Hydraulic Jack (Jack No. EJ 48, Gauge No. SF-48) as received by us has been calibrated. The results are tabulated as under:

Total Range : Zero - 1000 (bar)
Calibrated Range : Zero - 360 (bar)

Hydraulic Jack Reading (bar)	10	40	80	120	160	200	240	280	320	360	
Calibrated Load	(kg)	0	2000	4050	6100	8300	10250	12350	14550	16600	18650
	(Tonne)	0	2.00	4.05	6.10	8.30	10.25	12.35	14.55	16.60	18.65
Calibrated Pressure (bar)	0	38.42	77.80	117.18	159.45	196.91	237.25	279.51	318.90	358.28	

(1 Tonne = 1000 kg) The Ram Area of Jack = 51.05 cm²



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