



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/12/34377

Dated: 26-12-19

Dated: 30-12-19

To
M/S Faisalabad Oil Refinery
Madina Steel Mill Chiniot

Subject:- **CALIBRATION OF UNIVERSAL TESTING MACHINE OF 2000kN**
(MARK: CED/TFL/12/34377)

Reference to your letter No. Nil, dated: 03/12/2019 on the subject cited above. One Universal Testing Machine (Model: WAW-2000E) has been calibrated by using standard calibration device. The results are tabulated as under:

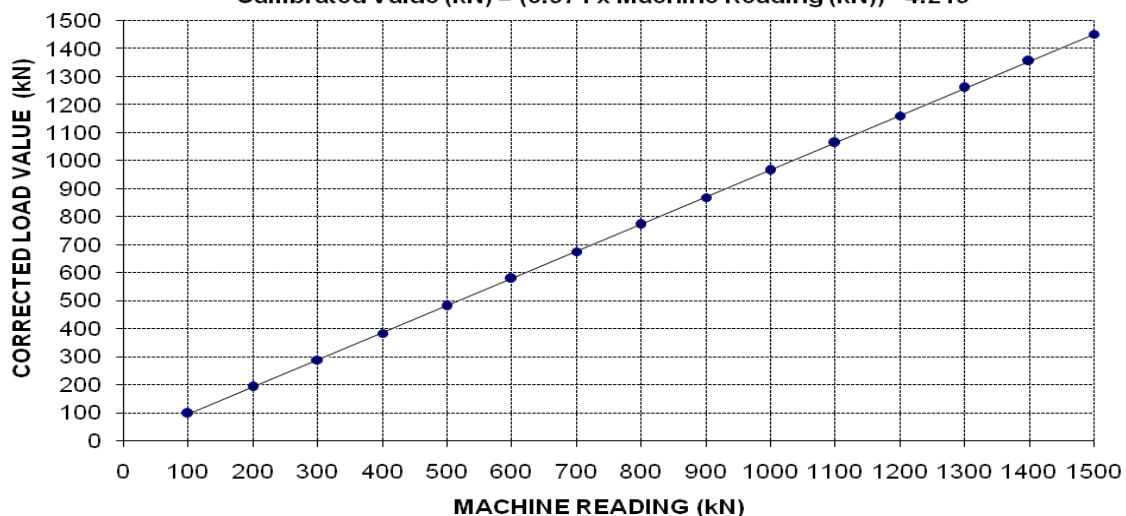
Total Range : Zero - 2000 (kN)

Calibrated Rang : Zero - 1500 (kN)

Machine Reading (kN)	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
Corrected Load Value (kN)	96	191	287	383	480	578	675	771	869	966	1064	1162	1261	1356	1454

CALIBRATION CURVE FOR UNIVERSAL TESTING MACHINE

Calibrated Value (kN) = (0.971 x Machine Reading (kN)) - 4.219



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