



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/08/3829
Dated of Test: 01-09-2023

Dated: 31-08-2023

To,
Resident Engineer
NESPAK
Construction of 8-Lane Overhead Bridge at Imamia Colony.

Subject: - CALIBRATION OF PRESSURE GAUGE (MARK: TFL/08/3829) (Page -1/2)

Reference to your Letter No. RE/SA-543/02/MH/79, Dated: 26/08/2023 on the subject cited above. One Pressure Gauge No. AES-313 as received by us has been calibrated. The results are tabulated as under:

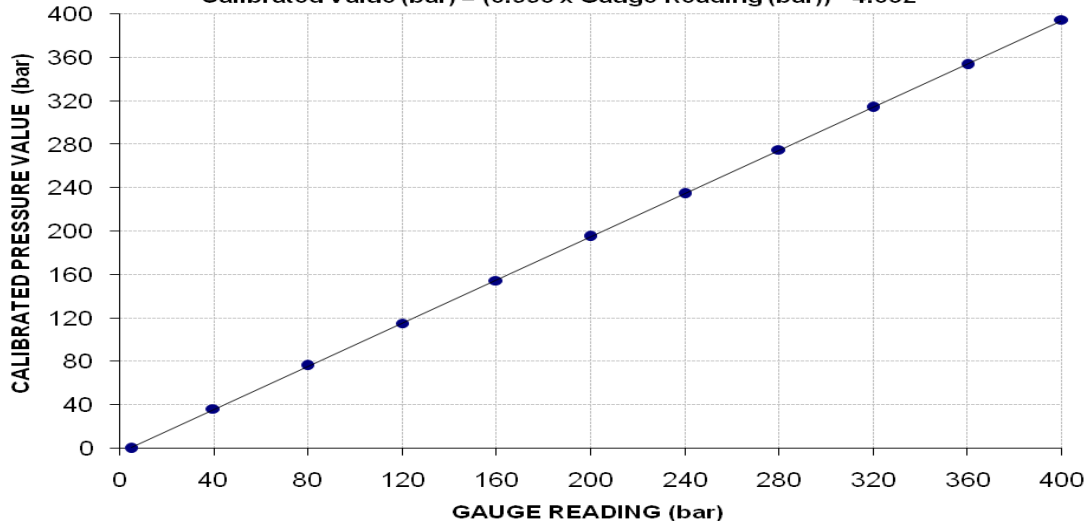
Total Range : Zero - 1000 (bar)
Calibrated Range : Zero - 400 (bar)

Pressure Gauge Reading (bar)	5	40	80	120	160	200	240	280	320	360	400
Calibrated Load (kg)	0	7400	15400	23300	31200	39400	47400	55600	63400	71400	79700
Calibrated Pressure (bar)	0	37	76	115	155	195	235	275	314	354	395

The Ram Are use for Calibration = 198 cm²

Calibration Curve for Pressure Gauge No. AES-313

Calibrated Value (bar) = (0.995 x Gauge Reading (bar)) - 4.032



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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To,
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Subject: - CALIBRATION OF PRESSURE GAUGE (MARK: TFL/08/3829) (Page -2/2)

Reference to your Letter No. RE/SA-543/02/MH/79, Dated: 26/08/2023 on the subject cited above. One Pressure Gauge No. AES-314 as received by us has been calibrated. The results are tabulated as under:

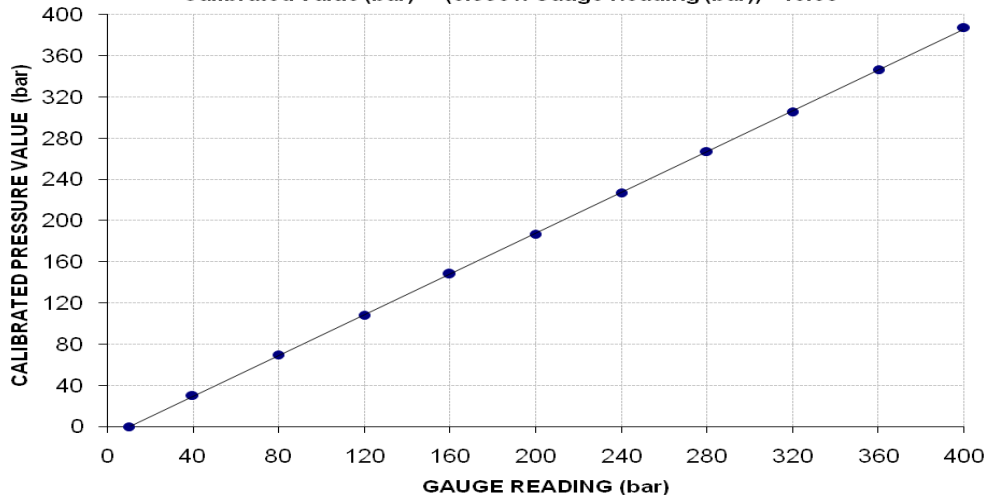
Total Range : Zero - 1000 (bar)
Calibrated Range : Zero - 400 (bar)

Pressure Gauge Reading (bar)	10	40	80	120	160	200	240	280	320	360	400
Calibrated Load (kg)	0	6100	14100	21900	29900	37800	45900	54000	61700	70000	78300
Calibrated Pressure (bar)	0	30	70	108	148	187	227	267	306	347	388

The Ram Are use for Calibration = 198 cm²

Calibration Cure for Pressure Gauge No. AES-314

Calibrated Value (bar) = (0.990 x Gauge Reading (bar)) - 10.06



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