



**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/01/37791  
Dated of Test: 07-02-2022

Dated: 27-01-2022

To,  
M/S Amjad Engineering Services  
Lahore

Subject: - CALIBRATION OF PRESSURE GAUGE (MARK: TFL/01/37791) (Page -1/2)

Reference to your Letter No. Nil, Dated: 27/01/2022 on the subject cited above. One Pressure Gauge No. AES-3201 as received by us has been calibrated. The results are tabulated as under:

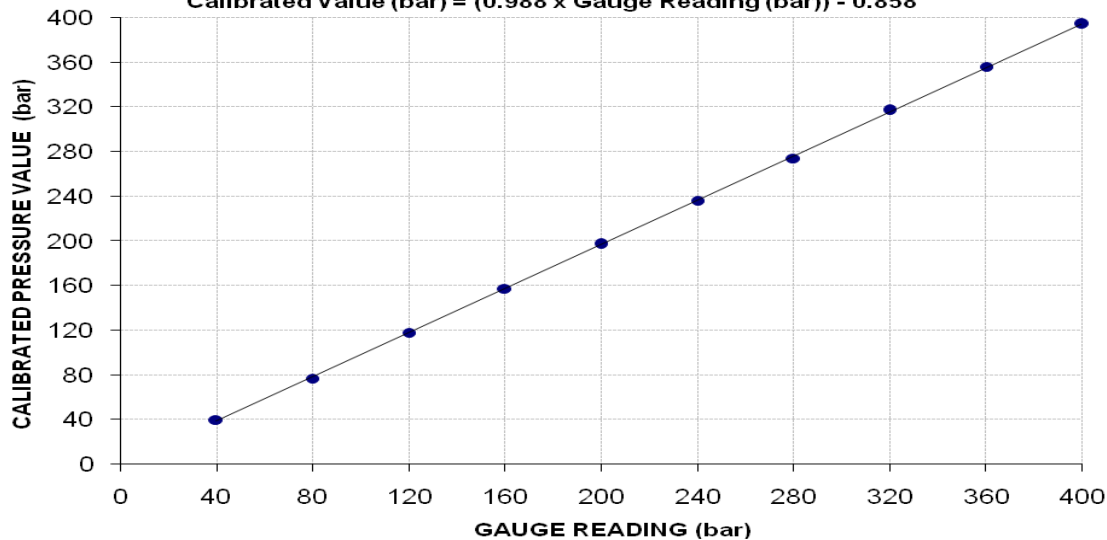
**Total Range : Zero - 1000 (bar)**  
**Calibrated Range : Zero - 400 (bar)**

Pressure Gauge Reading (bar)	40	80	120	160	200	240	280	320	360	400
Calibrated Load (kg)	8100	15500	23800	31800	39800	47700	55300	64000	71900	79600
Calibrated Pressure (bar)	40	77	118	158	197	236	274	317	356	394

The Ram Area use for Calibration = 198 cm<sup>2</sup>

**Calibration Curve for Pressure Gauge No. AES-3201**

Calibrated Value (bar) = (0.988 x Gauge Reading (bar)) - 0.858



**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](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/01/37791) (Page -2/2)

Reference to your Letter No. Nil, Dated: 27/01/2022 on the subject cited above. One Pressure Gauge No. AES-3202 as received by us has been calibrated. The results are tabulated as under:

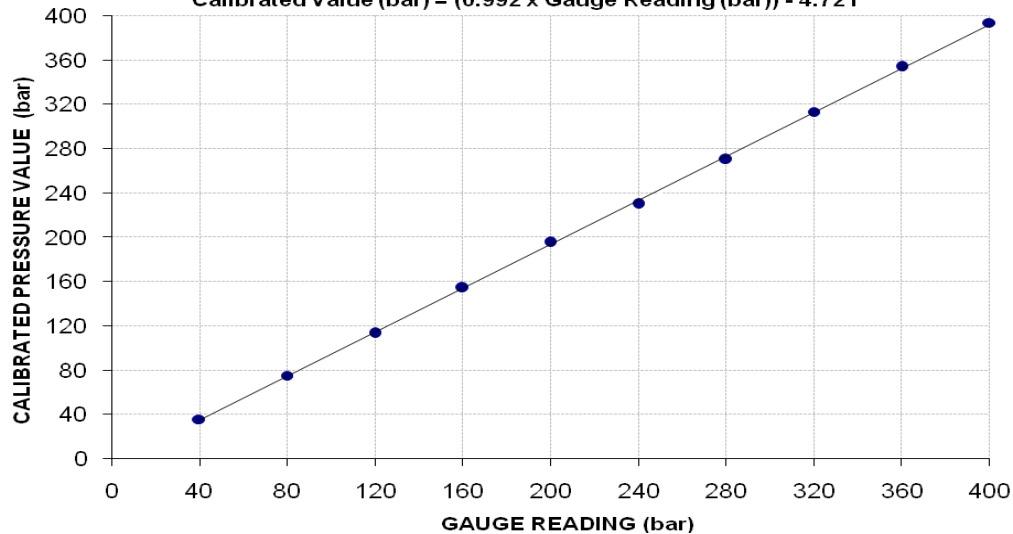
**Total Range : Zero - 1000 (bar)**  
**Calibrated Range : Zero - 400 (bar)**

Pressure Gauge Reading (bar)	40	80	120	160	200	240	280	320	360	400
Calibrated Load (kg)	7300	15200	22900	31200	39500	46500	54600	63300	71500	79500
Calibrated Pressure (bar)	36	75	113	155	196	230	270	314	354	394

The Ram Area use for Calibration = 198 cm<sup>2</sup>

**Calibration Curve for Pressure Gauge No. AES-3202**

Calibrated Value (bar) = (0.992 x Gauge Reading (bar)) - 4.721



**I/C Testing Laboratories**  
**UET Lahore, Pakistan.**

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