



Tiqaneyat Al-Taqaddum Company (ATC)

For Calibration and Engineering Inspection Services

PRESSURE RELIEF VALVE CALIBRATION CERTIFICATE

Name of Company: Al-Karrar Engineering Company
Date of Calibration: 11 October 2025

Certificate No.: ATC-CAL-PR-5890
Test Due Date: 10 October 2026
Work Order No.: ATC-CAL-WO-00263

Device Information	
Manufacturer	RAJTECH®
Model	N/A
Asset ID.	54478
Set Pressure	380 Bar (Open)
As Received Condition	New

Traceable Reference Equipment	
Manufacturer	Additel®
Model	ADT680
Serial Number	21818290020
Calibration Date	22 May 2025
Calibration Interval	12 Months
Range	0 to 1000 Bar

Pressure Relief Valve Overall States

Fouling And Pitting	No	Thread Damaged/Corroded	No
Leaking through seat	No	Seal Broken/Corroded	No
Spring Corroded/Broken	No	Valve Chamfer Crammed	No
Seat Tightness	Satisfactory	Valve Overall Workability	Satisfactory

Reference

This calibration report is based on the tiqaneyat al-taqaddum company procedure, according to international reference standards (ATC-CP-S1P2).

Laboratory Conditions

Laboratory ambient conditions throughout this calibration: Temperature: 22°C

Humidity: 27% RH

Set Pressure (Bar)	Seat Pressure (Bar)	Test Medium
380.0	361	Water

Test Results

Step	Applied Pressure (Bar)	Results
1	100	Not Popping Pass
2	200	Not Popping Pass
3	250	Not Popping Pass
4	300	Not Popping Pass
5	380	Popping Pass

Based on the above test results: The Safety valve is within the acceptable tolerance.

The results given in this certificate relate only to the measured values obtained at the time of test and carry no implication regarding the long-term stability of the unit under test.

This Certificate is issued in accordance with the laboratory accreditation requirement (ISO 17025) of the American National Standard for calibration i.e. ANSI/NCSL Z540-1, General requirements for the competence of calibration laboratories and measuring and test equipment. All measurements recorded in this certificate are traceable back to recognized international standards. The references listed above are subjected to regular verification, this certificate may not be reproduced other than in full except with prior written approval of issuing laboratory. We hereby confirm that the Quality Management System of ATC complies with ISO 9001, ISO 14001, ISO 17025, ISO 17020, and ISO 45001.

Calibrated by
Calibration Engineer

Calibration Engineer

Checked by
Quality Manager
Radwan Nasrallah

Calibration Department

