



## Federation for Development of Accreditation Services

### **CERTIFICATE OF ACCREDITATION** **(AS PER ISO/IEC 17025:2017)**

This is to attest that

#### **M/s RAHUL ENGINEERS LABORATORY.**

5-A, Chitrakut Nagar, Bhuwana Bypass Road,  
Udaipur (Raj.)-313001, India

#### **Calibration Laboratory**


has demonstrated compliance with ISO/IEC Standard 17025:2017, General requirements for the competence of testing and calibration laboratories and supplementary criteria for calibration laboratories.

**Certificate Number:** CL-101

**Issue Date:** 10.06.2022

**Valid Until:** 09.06.2024

The certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard and the relevant requirements of FDAS. (scope of accreditation also displayed at [www.fdasindia.org](http://www.fdasindia.org)).

  
**DEVI SARAN TEWARI**  
Director



# Federation for Development of Accreditation Services

## SCOPE OF ACCREDITATION

Laboratory Name M/s Rahul Engineers Laboratory,5-A Chitrakut Nagar, Bhuwana Bypass Road, Udaipur (Raj.)-313001, India,

Accreditation Standard ISO/IEC 17025:2017

Certificate Number CL-101 Page No.: 1/2

Validity 10.06.2022 to 09.06.2024 Last Amended on .....

### MECHANICAL CALIBRATION

#### Laboratory based Calibration

S. No.	Parameter	Calibration or measurement method or procedure.	Measurement Range and additional parameter where applicable (Range and Frequency)	Expanded Uncertainty
1	Pressure - Pressure Gauges	Using Digital Pressure Gauge (10 bar) / DKD R6-1	0 to 10 bar	$\pm 0.10$ bar
2.	Pressure - Pressure Gauges	Using Digital Pressure Gauge (70 bar) / DKD R6-1	0 to 70 bar	$\pm 0.25$ bar
3.	Pressure - Pressure Gauges	Using Digital Pressure Gauge (700 bar) / DKD R6-1	0 to 700 bar	$\pm 1.14$ bar

*Jikendra Parmar*  
Dealing Officer



## SCOPE OF ACCREDITATION

Laboratory Name	M/s Rahul Engineers Laboratory,5-A Chitrakut Nagar, Bhuwana Bypass Road, Udaipur (Raj.)-313001, India,		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	CL-101	Page No.:	2/2
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### MECHANICAL CALIBRATION

#### Calibration at Site

S. No.	Parameter	Calibration or measurement method or procedure.	Measurement Range and additional parameter where applicable (Range and Frequency)	Expanded Uncertainty
1.	Pressure - Pressure Gauges	Using Digital Pressure Gauge (10 bar) / DKD R6-1	0 to 10 bar	$\pm 0.10$ bar
2.	Pressure - Pressure Gauges	Using Digital Pressure Gauge (70 bar) / DKD R6-1	0 to 70 bar	$\pm 0.25$ bar
3.	Pressure - Pressure Gauges	Using Digital Pressure Gauge (700 bar) / DKD R6-1	0 to 700 bar	$\pm 1.14$ bar
4.	Force-Compression Testing Machine (CTM)	Using Proving Ring (50kN,100kN&2000 kN) / IS 1828 Part1):2015,	5 kN to 2000 kN	$\pm 0.50$ %
5.	Force-Universal Testing Machine (UTM) Compression Mode	Using Proving Ring (50kN,100kN&2000 kN) / IS 1828 Part1):2015,	5 kN to 2000 kN	$\pm 0.50$ %

*Jitendra Parmar*  
Dealing Officer