



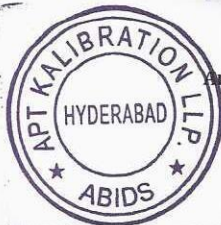
# APT KALIBRATION LLP

(An NABL Accredited Laboratory)

We undertake Calibrations for all types of material testing equipment



CC-4049

CALIBRATION CERTIFICATE FOR COMPRESSION TESTING MACHINE														
Certificate No. :			APT/CC/2025/F/141			Date of Issue :			20-Oct-25					
Name of Customer :		Equipment Under Calibration :				Calibration Conditions :								
M/s. SRR PROJECTS PVT LTD (AP)  Premier Engineers Limited, Naidupeta.		Make :		LKV		Referred Std :		IS 1828 : 2022 Part-1						
		Model :		Digital		Date Of Calibration :		17-Oct-25						
		Sr. No. :		LKV/23-24		Calibration Due Date :		16-Oct-26						
		Calibration Master:		PROVING RING		Method :		Force Indicated						
		Capacity :		2000 kN		Mode Of Calibration :		Compression						
		ID No. :		---		Calibrated By :		Mr.Prasad B.						
		Location :		ONSITE		Calibrated at		1	2	3	Mean			
Scale Resolution:		1.0 kN		Temp.(°C±1) :		28.1	28.2	28.0	28.1					
DETAILS OF STANDARD INSTRUMENTS USED FOR CALIBRATION : PROVING RING														
Sr. No.		1												
Details of Instruments :		PR-2000kN.317												
Details of Indicator/Dial Gauge :		GDE 249												
Cal. Certificate No :		FRI/03/25/16748												
Calibration Date :		05.03.2025												
Next Calibration Due on:		05.05.2027												
Capacity:		2000 kN												
Calibrated By :		FRI												
Calibrated at temp (°C) :		24 °C												
OBSERVATIONS														
Range - 0 to 2000 kN					Least Count( kN) :			1.0 kN = 0 - 2000 kN						
Sr. No.	Force Proving Instrument Used	Applied Load in kN	Std Reading at 24°C	Reading at Room Temp	Observed Readings			Average	Difference	Relative Accuracy Error q %	Relative Repetability error h %	Relative Resolution	MU ± (%)	
					I	II	III							
					0 °	120 °	240 °							
1	2000 kN	200.0	113.9	114.0	116.0	116.1	115.9	116.0	-1.98	-1.71	0.19	0.50	0.62	
2		400.0	226.9	227.2	231.3	230.8	230.8	230.9	-3.80	-1.64	0.22	0.25	0.62	
3		600.0	338.7	339.1	345.2	344.3	344.9	344.8	-5.72	-1.66	0.25	0.17	0.62	
4		800.0	459.9	460.4	469.4	467.9	469.1	468.8	-8.40	-1.79	0.32	0.13	0.62	
5		1000.0	572.3	572.9	582.6	582.4	584.2	583.0	-10.11	-1.73	0.31	0.10	0.62	
6		1200.0	691.5	692.3	704.8	704.8	704.1	704.6	-12.33	-1.75	0.10	0.08	0.62	
7		1400.0	811.5	812.4	825.0	826.9	827.4	826.4	-14.02	-1.70	0.29	0.07	0.62	
8		1600.0	926.5	927.5	945.7	945.3	941.5	944.2	-16.65	-1.76	0.44	0.06	0.62	
9		1800.0	1049.9	1,051.1	1069.7	1071.6	1069.1	1,070.1	-19.07	-1.78	0.24	0.06	0.69	
10		2000.0	1171.5	1,172.8	--- Max. Limit / Safety Cut off ---									
ZERO ERROR =					0.20	0.10	0.20	RELATIVE ZERO ERROR (%) = 0.01						
Note: 1) Error allowed is ± 1% for Class1 & ± 2% for Class2 of standard reading of Proving Rings. 2) Allowed Repeatability is 1% for Class1 & 2 % for Class2 of Average Reading.														
<div style="text-align: right;">  <p>Authorized Signatory <i>H. Venu</i> Mr. H.Venu Tech. Manager</p> </div>														
1) The above Calibration is done at the Site of Customer. 2) The Calibration Results reported in this Certificate are valid at the time of & under the stated conditions of measurement & is only for the Calibrated item as identified in the Certificate. 3) Calibration Certificate shall not be reproduced except in full, without written approval of APT KALIBRATION. 4) MU Indicates expanded measurement of uncertainty at 95% confidence level with coverage factor K=2.														
ULR: CC404925000004100F					APT Procedure No. : APT/WI/04				Format No.: APT/FF/25-04				Page No 1 of 1	