

Laboratory EMTAC Laboratories Private Limited, Plot No. 11/6, Road No. 9, IDA, Nacharam Rangareddy, Keesara, Hyderabad, Telangana

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 11.09.2015

Certificate Number T-3556 **Valid Until** 10.09.2017

Last Amended on - **Page** 1 of 3

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
1.	ATM Safes	Burglary Resistance Test	EN 1143-1: 2010 Clause 7	5 second to 180 minute
2.	Secure Safe Cabinets	Dimensions and Sizes	EN 14450: 2005	0.001 mm to 25 mm 0.01 mm to 300 mm 0.5 mm to 5000 mm
		Burglary Resistance Test	EN 14450: 2005	5 second to 180 minute
3.	Safes	Dimensions and Sizes	IS 550 (Part 1): 2014 Clause 5 IS 550 (Part 1): 2003. Clause 4	0.001 mm to 25 mm 0.01 mm to 300 mm 0.5 mm to 5000 mm
		Weight	IS 550 (Part 1): 2014 Clause 5 IS 550 (Part 1): 2003 Clause 4	10 kg to 3000 kg
		Construction & Workmanship - Door	IS 550 (Part 1): 2014 Clause 8.3 IS 550 (Part 1): 2003 Clause 7.3	0.004 mm to 1 mm
		Construction & Workmanship - Bolts	IS 550(Part1): 2014 Clause 8.4.2 IS 550 (Part 1): 2003 Clause 7.4.2	Qualitative (0.001 mm to 25 mm 0.01 mm to 300 mm)
		Construction & Workmanship - Levers	IS 550 (Part1): 2014 Clause 8.6.2 IS 550 (Part 1): 2003 Clause 7.6.2	Qualitative (0.001 mm to 25 mm 0.01 mm to 300 mm)
		Construction & Workmanship -Test For Lock	IS 550 (Part1): 2014 Clause 8.6.3 IS 550 (Part 1): 2003 Clause 7.6.3	Qualitative (counter upto 999999)
		Painting- Thickness of Coating	IS 550 (Part1): 2014 Clause 10	1 µm to 1250 µm
		Cross Hatch Test	IS 550 (Part 1): 2003 Clause 9	Qualitative
		Burglary Resistance Test	IS 550 (Part 2): 2005	5 second to 180 minute

Rahul Jain
Convenor

N. Venkateswaran
Program Manager

Laboratory EMTAC Laboratories Private Limited, Plot No. 11/6, Road No. 9, IDA, Nacharam Rangareddy, Keesara, Hyderabad, Telangana

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 11.09.2015

Certificate Number T-3556 **Valid Until** 10.09.2017

Last Amended on - **Page** 2 of 3

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
4.	Cash Boxes	Size and Dimensions	IS 1046: 2014 Clause 3	0.001 mm to 25 mm 0.01 mm to 300 mm 0.5 mm to 5000 mm
		Construction & Workmanship - Body	IS 1046: 2014 Clause 5.2	0.001 mm to 25 mm 0.01 mm to 300 mm
		Construction & Workmanship - Bottom	IS 1046: 2014 Clause 5.3	0.004 mm to 1 mm 0.001 mm to 25 mm
		Construction & Workmanship - Lid	IS 1046: 2014 Clause 5.4	0.004 mm to 1 mm 0.001 mm to 25 mm
		Construction & Workmanship - Hinges	IS 1046: 2014 Clause 5.5	0.001 mm to 25 mm
		Construction & Workmanship - Levers	IS 1046: 2014 Clause 5.8.1	0.001 mm to 25 mm
		Painting: Thickness of Coating Cross Hatch Test	IS 1046: 2014 Clause 7.1	1 µm to 1250 µm 0.5 mm to 150 mm
5.	Safe Deposit Locker Cabinets	Materials	IS 5244: 2014 Clause 5 IS 5244: 1991 Clause 4	0.001 mm to 25 mm 0.01 mm to 300 mm
		Sizes	IS 5244: 2014 Clause 6 IS 5244: 1991 Clause 5	0.001 mm to 25 mm 0.01 mm to 300 mm 0.5 mm to 5000 mm
		Designs and Manufacture	IS 5244: 2014 Clause 7.6 IS 5244: 1991 Clause 6.6	0.001 mm to 25 mm 0.01 mm to 300 mm

Rahul Jain
Convenor

N. Venkateswaran
Program Manager

Laboratory EMTAC Laboratories Private Limited, Plot No. 11/6, Road No. 9, IDA, Nacharam Rangareddy, Keesara, Hyderabad, Telangana

Accreditation Standard ISO/IEC 17025: 2005

Discipline Mechanical Testing **Issue Date** 11.09.2015

Certificate Number T-3556 **Valid Until** 10.09.2017

Last Amended on - **Page** 3 of 3

S. No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
	Safe Deposit Locker Cabinets	Workmanship and Finish	IS 5244: 2014 Clause 8.2 IS 5244: 1991 Clause 7.2	0.004 mm to 1mm 0.001 mm to 25 mm
		Workmanship and Finish	IS 5244: 1991 Clause 7.6	1 µm to 1250 µm
		Burglary Resistance Test	IS 5244: 2014 Clause 9 IS 5244: 1991 Clause 8	5 second to 180 minute
6.	Vault (Strong Room) Door	Dimensions	IS 11188 (Part 1): 2014 Clause 5 IS 11188 (Part 1): 1991 Clause 5	0.001 mm to 25 mm 0.01 mm to 300 mm 0.5 mm to 5000 mm
		Construction & General Requirements - Doors	IS 11188 (Part 1) 2014 Clause 8.1 IS 11188 (Part 1): 1991 Clause 8.1	0.004 mm to 1mm 0.001 mm to 25 mm 0.01 mm to 300 mm
		Construction & General Requirements - Doors Frame	IS 11188 (Part 1): 2014 Clause 8.2 IS 11188 (Part 1): 1991 Clause 8.2	0.004 mm to 1mm 0.001 mm to 25 mm 0.01 mm to 300 mm
		Construction & General Requirements - Locking Mechanism	IS 11188 (Part 1): 2014 Clause 8.3 IS 11188 (Part 1): 1991 Clause 8.3	0.001 mm to 25 mm 0.01 mm to 300 mm
		Construction & General Requirements - Test For Locks	IS 11188 (Part 1): 2014 Clause 8.4.2	Qualitative
		Finish : Thickness of Coating	IS 11188 (Part 1): 2014 Clause 10	1 µm to 1250 µm
		Cross Hatch Test	IS 11188 (Part 1): 1991 Clause 10	Qualitative
		Burglary Resistance Test	IS 11188 (Part 2): 1991	5 second to 180 minute

~~-X-X-X-X-X-X-X-X-X-X-X-X-~~

Rahul Jain
Convenor

N. Venkateswaran
Program Manager