National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TEST LABS, CONTROLLERATE OF NAVAL ARMAMENT INSPECTION (EAST), NAD (POST), VISAKHAPATNAM, ANDHRA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5286 **Page No** 1 of 1

Validity 27/04/2021 to 26/04/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Gun Powder	% Moisture Content in Gun Powder	JSS1376-05
2	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Propellant	Abel Heat Test	JSG:0116 (Test Method-501)
3	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Propellant	Bergman and Junk test	JSG:0116 (Test Method 503)
4	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Propellant	Dutch Stability Test	JSG:0116 (Test Method 504)
5	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Propellant	Methyl Violet Test	JSG:0116 (Test Method 502)
6	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Propellant	Volatile Matter %	JSG:0116 (Test Method 106)
7	CHEMICAL- LUBRICANTS	Hydraluic and Lubricant Oils	Acid number	AI-165
8	CHEMICAL- LUBRICANTS	Hydraluic and Lubricant Oils	Evaporation Loss%	AI-165
9	CHEMICAL- LUBRICANTS	Hydraluic and Lubricant Oils	Kinematic Viscosity	IS:1448 (P-25)
10	CHEMICAL- LUBRICANTS	Hydraluic and Lubricant Oils	Specific gravity @ 20C	ASTM D 1298-12b
11	CHEMICAL- LUBRICANTS	Hydraluic and Lubricant Oils	Water by Distillation	IS:1448 (P-40)
12	CHEMICAL- LUBRICANTS	Hydraulic and Lubricant oils	Corrosion against ST-3 Plates	AI-165
13	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber compounds and Components	Polymer Identification	ASTM D 297-93
14	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Compounds and Components	% of Change in Volume	IS:3400 (Part-6)
15	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Compounds and Components	% of Elongation at break	IS:3400(Part-1)
16	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Compounds and Components	Ageing (Hardness, Tensile Strength at break and % of Elongation at Break	IS:3400 (Part-4)
17	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber compounds and components	Compression Set %	IS:3400 (Part-10)
18	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber compounds and Components	Hardness (Shore-A)	IS:3400 (Part - 2)
19	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber Compounds and Components	Tensile strength at break	IS:3400 (Part-1)