



ISO
9001 : 2008
Certified AHSP



Cert. No. T-1056,
T-1057

**CONTROLLERATE OF QUALITY
ASSURANCE
(MILITARY EXPLOSIVES)
AUNDH ROAD,
PUNE – 411 020**



**DIRECTORATE GENERAL OF QUALITY
ASSURANCE (DGQA)
MINISTRY OF DEFENCE,
GOVT OF INDIA**

TEST FACILITIES

EXPLOSIVES DIVISION

- Intensified Standard alternating trials (ISAT A & B)
- Climatic hut trials
- Vacuum Stability Test
- Woolwich Test
- Friction sensitivity by Mallet test and by Julius Peters apparatus
- Impact Sensitivity by Falling Hammer method
- Ignition temperature
- Methyl Violet Tests
- B&J Tests
- Puffing Point/Time Tests
- Cal Val Tests
- Heat Tests

TEST FACILITIES

NON-EXPLOSIVES DIVISION

- Muffle Furnace
- Hot Air oven
- Melt Flow Index
- Tensile Testing Machine
- Hardness Tester
- Refractometer
- PH meter
- Weatherometer
- Flash point apparatus
- Sub sieve sizer
- Salt spray test
- Corrosion test
- Impact test
- Scratch hardness test

DURATION OF TESTING.

- Plastics : 10 -15 Days
- Rubbers : 06 -10 Days
- Paints : 10 - 20 Days
- General Chemicals : 05 -15 Days

TESTING CHARGES in ₹*

1. RUBBER VULCANISED

- Hardness Shore-A : 600
- Tensile Strength & Elongation : 1000
- Compression Set : 1000
- Ageing Test : 3000

2. PLASTICS

- Density : 600
- Melting Point & Impact Strength : 700 (Each)
- Tensile Strength & Elongation,
Vicat Softening Point & MFI : 1000 (Each)

3. PAPER AND BOARDS

- Bursting Strength, Breaking
Load & Tensile Strength
at Break : 700 (Each)
- Thickness : 600

4. TEXTILES

- Breaking Load : 700
- Grams per square metric & pH of water Extract : 700 (Each)
- Chloride, Sulphates of water Extract, Fatty Acids, water Soluble Chromate, soda Soluble chromate : 1000 (Each)
- Total Iron & Chromium : 2000

5. PAINTS

- Drying Time & Water content : 1500 (Each)
- Wt/Lt , Viscosity & Flash Point, Scratch Hardness, Gloss Value, Flexibility *Bend Test) : 500 (Each)
- Protection against corrosion for 07 Days : 3000
- Resistance to Lubricating Oil & Petroleum Hydrocarbon : 1000

6. VARNISHES AND APC

- Flexibility & % of Ash : 500 (Each)
- Stripping Test & Iodine Value : 1000 (Each)

7. CHEMICALS

- Moisture, Ash & pH of Water Extract : 500 (Each)
- Water Soluble Content, Water Soluble Chlorides Water Soluble Sulphates, Acid Value, Iodine Value & Sieve Analysis : 1000 (Each)
- Alkali Metals : 1500

* (Additional charges ST @ 10.30 %)

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