

**GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
RESEARCH AND DEVELOPMENT ORGANISATION
DIRECTORATE OF AERONAUTICS**

TYPE APPROVAL No : 247

ISSUED TO : M/s SWASTIK RUBBER PRODUCTS LTD.
KHADKI, PUNE-411003

FOR : VT-I RUBBER COMPOUND

CO-ORDINATED BY : CRE (ENGINES)

This is to certify that Rubber Compound VT-I, developed by M/s Swastik Rubber Products Ltd. Khadki, Pune - 411 003 conforms to Soviet Specification BTY- 16-5-22-62 group 63 and is cleared for manufacture of rubber items in the media of ATF, hydraulic liquid 7-50C-3 and AM-10, oil Mk-8*, AN 12 special oil and air in the temperature range of -25° C to 200° C. This rubber compound is prepared with Fluro-Carbon rubber as base.

2. BASIS OF APPROVAL :

- (i) Satisfactory compliance of technical condition laid down by Resident Technical Office (Engines) Directorate of Aeronautics (R&D), Ministry of Defence, Sunbeda - 2 as given appendix -I.
 - (ii) Satisfactory condition of engine components as listed in appendix - II, manufactured from VT-1 Rubber compound, after prolong test on an engine.
3. The rubber compound will be inspected against Soviet Specification BTY-16-5-22-62, group 63.
 4. The quality control in bulk production will be ensured by DTD&P(Air), Ministry of Defence.
 5. This type approval is initially valid for three years from the date of issue and will have to be renewed subsequently.
 6. The type approval number must be quoted in all relevant documents.
 7. Prior agreement of Directorate of Aeronautics will have to be obtained if this approval is to be transferred to any other agency or the contents of type record as Appendices I and II for this approval are affected.

Encl : Appendix I, II

No. : AERO/RD-132/141/9

Date : 8 May 1978



(VIVEK R. SINHA)
Director of Aeronautics

* Amended vide ref of ever number dated 18-11-80