

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

TYPE APPROVAL No : 451

ISSUED TO : M/s SARU SMELTING PVT LTD,
SARUNAGAR, SARDHANA ROAD
POST BOX No. 58, MEERUT (UP)

FOR : **ANTIOMONY FREE TIN-LEAD SOLDER (I)**
POSK 50-18 dia 1.6mm

CO-ORDINATED BY : RCMA (NASIK)

This is to certify that Antimony free Tin-Lead Solder (I) Posk 50-18 of dia 1.6 mm developed by M/s Saru Smelting Pvt Ltd, has been tested as per schedule drawn by Directorate of Aeronautics and found suitable as a substitute to USSR grade Solder Type Posk 50-18 for aircraft application.

2. Basis for type approval :

Satisfactory conformity to test schedule No. TS/IND/MAT/050 and the test result placed at Appendix 'A'.

3. The approval serial number quoted above must be reflected on all relevant drawings, contracts and release notes.

4. This approval is contingent upon the quality control aspects of bulk production being cleared by DTD&P(Air), Ministry of Defence, New Delhi.

5. This approval is valid initially for three years from the date of issue and will have to be renewed subsequently.

6. Prior agreement of Directorate of Aeronautics will have to be obtained, if this approval is to be transferred to any other agency or if changes within the Type Record enclosed are effected.

Encl : Appendix 'A'

No : AERO/RD/132/106/3

Date : 24 Feb. 1984


(S.C. GUPTA)

Air Cmde
Director of Aeronautics