

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

TYPE APPROVAL No : 394

ISSUED TO : M/s FIRTH (INDIA) STEEL CO.LTD.
F/3, WAGLE ESTAGE
THANE : 400604.

FOR : WELDING FILLER WIRE,
STEEL GRADE (I) 18 KHMA AS A SUBSTITUTE
TO USSR WIRE STEEL GRADE 18 KHMA.

CO-ORDINATED BY : RCMA (NASIK)

This is to certify that Welding Filler Wire Steel Grade (I) 18 KHMA Designed and Developed by M/s Firth (India) Co.Ltd. has been tested as per test schedule drawn by Directorate of Aeronautics and found suitable as a substitute to USSR Grade Steel Wire 18 KHMA for use as a Raw material for manufacture of flux coated welding electrode, TENACITO 18 KHMA manufactured by M/s Advani Oilikon Ltd, Bombay.

2. **BASIS FOR TYPE APPROVAL :**

Satisfactory conformity to test schedule No. TS/IND/MAT /09 and the test results placed at appendix 'A'.

3. The approval serial No. quoted above must be reflected in 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 : 25 Jan. 1983

Lesubi
Air Cmde.

(S.C.GUPTA)

Director of Aeronautics