

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

TYPE APPROVAL No : 400

ISSUED TO : M/s FIRTH (INDIA) STEEL CO. LTD.
PLOT No. F-3, ROAD No. 22, PE No. 422 WAGLE
INDUSTRIAL ESTATE, THANE, BOMBAY-400604

FOR : **INDIGENOUSLY DEVELOPED NICKEL-CHROME
STEEL WIRE GRADE STEEL (I) 16KHSN AS
A SUBSTITUTE FOR USSR GRADE STEEL
16 KHSN WIRE.**

CO-ORDINATED BY : RCMA (NASIK)

This is to certify that Ni-Cr-Si Steel wire (I) 16KHSN designed and developed by M/s FISCO Ltd, Bombay has been tested as per schedule drawn by Directorate of Aeronautics and found suitable as a substitute to USSR Grade steel 16 KHSN wire for manufacture of aircraft bolts and other fasteners.

2. BASIS FOR TYPE APPROVAL :

Satisfactory conformity to test schedule No. DIS-QL-77-020 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 : 2 Mar. 1984


Air Cmde.

(S.C. GUPTA)
Director of Aeronautics