

**GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
RESEARCH AND DEVELOPMENT ORGANISATION
DIRECTORATE OF AERONAUTICS(R&D)**

TYPE APPROVAL No. : 627

ISSUED TO : M/S FIRTH (INDIA) STEEL CO. LTD
40, MIDC, NAGPUR - 440 028

FOR : ALLOY STEEL WIRE FOR COLD
UPSETTING GRADE STEEL - 16 KHSN

COORDINATED BY : RCMA (NASIK)

This is to certify that Alloy Steel Wire for Cold upsetting grade 16 KHSN designed and developed by M/s Firth (India) Steel Co. Ltd has been tested as per Schedule drawn by Directorate of Aeronautics vide CRE(N)/17000 dt 29 Apr 91 and found suitable as a substitute for USSR Grade 16KHSN for manufacture A/c Bolts and other fasteners. The Type record is placed at Appendix 'A'.

2. Basis for Approval:

(a) Satisfactory conformity of Test results to the requirement laid down in the Appendix.

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 aspect of bulk production being cleared by DTD&P (Air), Ministry of Defence.

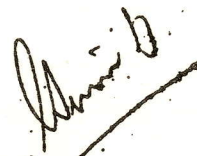
5. This Approval is valid initially for three years from the date of issue and will have to be renewed subsequently.

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

Encl : Appendix 'A'

No. : AERO/RD-132/106/3.

Date : 13 Aug 91



(K.SRINIVASA)
Director of Aeronautics