

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

**TYPE APPROVAL No : 397**

ISSUED TO : M/s FIRTH (INDIA) STEEL CO.LTD.  
POST BOX No. 422 THANE-400604

FOR : LOW ALLOY STRUCTURAL STEEL GRADE (I) 40KH  
AS A SUBSTITUTE TO USSR STEEL 40KH

CO-ORDINATED BY : RCMA (NASIK)

This is to certify that Low alloy Structural Steel Grade (I) 40KH designed and developed by M/s Firth (India) Steel Co. Ltd, has been tested as per test schedule drawn by Directorate of Aeronautics and found suitable as a substitute to USSR Steel Grade 40KH for manufacture of Aircraft parts.

2. **BASIS FOR TYPE APPROVAL :**

Satisfactory conformity to test schedule No. TS/IND/MAT /034 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

*S.C. Gupta*

Air Cmde.

(S.C.GUPTA)

Director of Aeronautics