

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

TYPE APPROVAL No : 440

ISSUED TO : M/s W.G. FORGE & ALLIED INDUSTRIES LTD.
P.B. 41 THANE, BOMBAY-400006

FOR : **RAW FORGINGS (I) WGI-1257,1258,1259,
USING STEEL (I) 30 KHGSNA,
DEVELOPED BY M/S MUSCO.**

CO-ORDINATED BY : RCMA (NASIK)

This is to certify that RAW FORGINGS (I) WGI-1257, WGI-1258, WGI-1259 developed & manufactured by M/s W.G. Forge allied Industries Ltd; using steel (I) 30 KHGSNA, developed by M/s Mahindra Ugin Steel Co. Ltd, as a raw material, have been tested as per schedule drawn by Directorate of Aeronautics and found suitable as a substitute to USSR forgings made out of Russian Steel Grade 30 KHGSNA.

2. Basis for type approval :

Satisfactory conformity to test schedule No. NK/Q/6290/2/ QL/76 and the test results placed at appendix A, B & C.


3. The approval serial No. 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', 'B', 'C'
No. : AERO/RD-132/106/3-2
Date : 29 Oct. 1983


(S.C. GUPTA)
Air Cmde
Director of Aeronautics