

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

TYPE APPROVAL No : 617

ISSUED TO : M/s.ORDNANCE FACTORY, DEPT. OF DEFENCE
PRODUCTION, AMBAJHARI, NAGPUR-400 021

FOR : ALUMINIUM ALLOY HE-15A EXTRUDED BARS
(FORGING STOCK)

CO-ORDINATED BY : RCMA (F & F)

This is to certify that Aluminium Alloy HE-15A Extruded Bars (Forging Stock) manufactured/ developed by M/s.Ordnance Factory, Nagpur in coordination with the Aeronautical Development Agency, Bangalore has satisfactorily met the requirements as per the test schedule drawn by Directorate of Aeronautics vide Addl.D.Aero/R&D/TS 02 dt. 9.10.90 and found suitable for use as forging stock for the manufacture of aircraft components. The summary of the type test results is placed at the Appendix. 'A'

2. The approval Serial No. quoted above must be reflected in all relevant drawings, Contract and release notes.
3. This approval is contingent upon the Quality Control aspects of bulk production being cleared by DTD&P(Air), Ministry of Defence, NEW DELHI.
4. This approval is valid for an indefinite period from the date of issue and will have to be reapproved in case there are any changes in processing technology.
5. 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 are effected.

Encl : Appendix 'A'
No. : AERO/RD-132/106/3
Date : 25 Jul. 1991


(K.SRINIVASA)
Director of Aeronautis