

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
RESEARCH AND DEVELOPMENT ORGANISATION
CENTRE FOR MILITARY AIRWORTHINESS AND CERTIFICATION
MARATHAHALLI COLONY P.O.
BANGALORE-560037

TYPE APPROVAL NO: 765
ISSUED TO : M/S Super Inducto Castings (Pvt)Ltd,
Hyderabad - 500 058.
FOR : Magnesium alloy ZM21A CAST BLOCKS.
CO-ORDINATED BY : RCMA(Materials), Hyderabad - 500 058.

This is to certify that the Magnesium alloy ZM21A, Cast blocks, to specification DTD-5091, developed & manufactured by M/s Super Inducto Castings (Pvt) Ltd., Hyderabad, co-ordinated by RCMA(Materials) of CEMILAC, has met all the test requirements stipulated in type test schedule No. CRE(M)/37 dt. 16 sep`92. for further processing at M/S Mishra Dhatu Nigam Ltd, Hyderabad.

2. The plates manufactured from ZM21A Cast Blocks may, however, require separate additional testing based on their functional requirements/end use.

3. Type approval is contingent upon:

- i) Composition being as per Annexure-II and processing parameters as detailed in Annexure-III of the type record vide report No. MDN/TD/ZM 21A/01, dt. 6 Nov `95.
- ii) Quality control aspects of bulk production being cleared by DTD&P(Air), Ministry of Defence, Govt. of India.
- iii) Compliance of repeat type approval tests should be carried out as called for by CEMILAC, whenever sufficient reasons warrant.
- iv) This type approval is valid for a period of 3 years ie up to **30 June 1999**.
- v) Prior approval of CEMILAC has to be obtained if this type approval or production process is to be transferred to any other agency or if any changes in annexures or in type records are to be effected.

CEMILAC/5070/TA 765
DT: 20 June `96.


(K SRINIVASA)
CHIEF EXECUTIVE (AIRWORTHINESS)