

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

TYPE APPROVAL No : 235

ISSUED TO : M/s INDO NIPPON CHEMICALS CO. LTD.
MAKER BHAVAN, No. 2, 18 NEW MARINE LINES
BOMBAY - 20


FOR : DIBUTYL PHTHALATE (DBP)

CO-ORDINATED BY : CRE (NASIK)

This is to certify that the Dibutyl Phthalate manufactured by M/s Indo Nippon chemicals Co. Ltd., has been tested and found suitable for aeronautical use in place of Dibutyl Phthalate grade DC of USSR origin conforming to USSR specification gost 8728-66, Dibutyl Phthalate is used as plasticizer for the manufacture of grade glue L4. The details of the indigenous substitute along with the test requirements and the test results are given in Appendix 'A'.

2. The type approval serial number as quoted above must be reflected in all relevant documents.
3. This approval is contingent upon the quality control aspects of the bulk supply being cleared by DTD&P(Air), Ministry of Defence, New Delhi-11.
4. Prior consent of this Directorate will have to be obtained if this type approval is to be transferred to any other agency or if changes in the type record enclosed are effected.

Encl : Appendix 'A'
No. : AERO/RD-132/106/3
Date : 28 Jan. 1978


(VIVEK R SINHA)
Director of Aeronautics