

MATERIAL TEST REQUISITION

44 ASM

Ref :	Date :
-------	--------

Material Description :

Grade :	Qty. :
---------	--------

D.R.R. No. / G.R. No.	P. O. No.
-----------------------	-----------

TEST REQUIRED

I Chemical Composition	Al	B	C	Co	Cr	Cu	Fe	Mn	Mo	Nb
	Ni	P	S	Si	Sn	Ti	V	W	Zn	Be

II MECHANICAL PROPERTIES :

(Metallic / Non-metallic)

- a) Hardness
- b) Tensile / Compression / Proof Load / Bend (only for sintered disc) Tests
- c) Impact test
(CHARPY 'U' NOTCH / 'V' NOTCH)
- d) ` Elongation

III. HARDENABILITY (JOMINY)

IV. MACRO - EXAMINATION

- a) Flow Line Pattern
- b) Internal Soundness

V. MICRO EXAMINATION

- a) Grain Size
- b) Inclusion Rating
- c) Microstructure
- d) Case depth Measurement

VI. OTHER TESTS

- a) Oils & Lubricants Properties
- b) Paint Performance Characteristics
- c) Aging Test for Non-Metallics
- d) Coating Thickness
- e) If any other test, please specify
- f) Specific gravity

User Dept

Review of the test request :

Lab-in-charge

8205150805