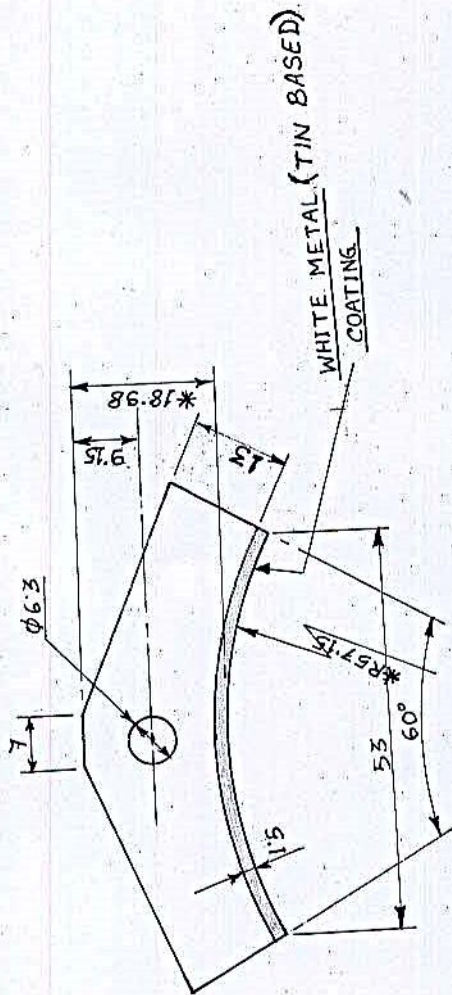


2.0 SCOPE OF WORK:

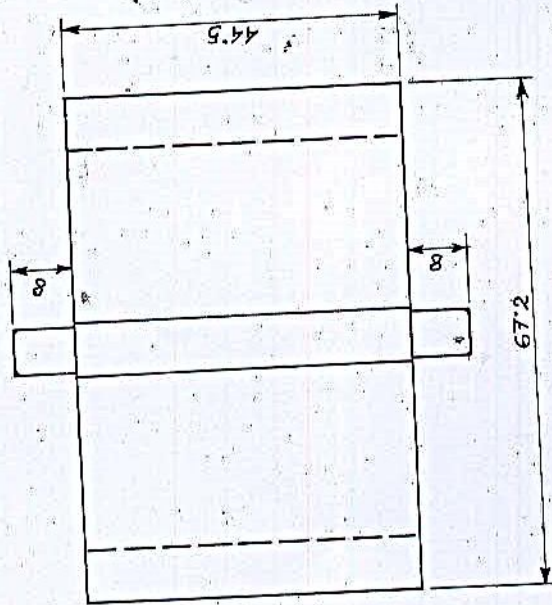
If specifically not mentioned herein after or not mentioned anywhere else, the scope of work shall include but not shall not be limited to the following for completion of Reconditioning of journal bearing pads of 1st & 2nd barrel (both Driving end & Non Driving end) and drive turbine of Synthesis Gas Compressor of AMM-II Plant.

The scope of work shall include but not limited to the following:

- 2.1 Removal of damaged white metal lining.
- 2.2 Preparation of the bearing shell for proper bonding of white metal.
- 2.3 Chemical cleaning / coating for bonding of white metal.
- 2.4 Centrifugal Casting of white metal upto required thickness by adopting standard engineering practice.
- 2.5 Composition of white metal: ASTM B23 ALLOY-1/TEGOV738 or higher for higher load carrying capacity.
- 2.6 Surface finish by machining & keeping the dimension as per the sample and drawing No. N-II/M/1593 and N-II/M/1554 provided to the party.
- 2.7 Party shall provide ultrasonic testing report, D.P. Test report and detailed dimensional inspection report for defect free workmanship as per applicable international standards.
- 2.8 Bearing pads must be packed properly to avoid any damage during transit.



* THESE BEARINGS ARE TO BE FITTED ON SHAFT
DIA. $\phi 14.30$ mm WITH A DIAMETRAL CLEARANCE
OF 0.14 mm.



**BRAHMAPUTRA VALLEY FERTILIZER
CORPORATION LIMITED, NAMRUP**

TITLE:

SG.C. TURBINE

JOURNAL BEARING PADS

FOR AMMONIA - II PLANT

SCALE: 1:1

DATE: 23/10/09

DRAW: Dipak

CHKD: Rm

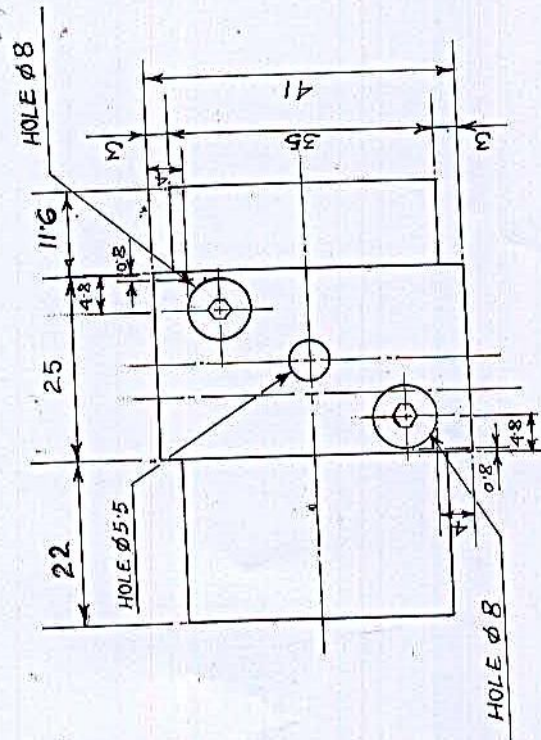
COMP: Rm

APPD: Rm

26/10/09

DRAWING NO:- N-II/MECH-1554

ALL DIMENSIONS ARE IN 'MM'



FRONT ELEVATION

NOTE:- ALL THE DIMENSIONS ARE IN 'mm'

BRAHMAPUTRA VALLEY FERTILIZER CORPORATION LIMITED; NAMRUP

SCALE :	N.T.S	DATE	TITLE:-
DRAW :		08/12/2010	S.G.C. 1st & 2nd BARREL
CHKD :	Ran...		JOURNAL BEARING PADS
COMP :			AMMONIA-II PLANT.
APPED :	Ran...	08/12/2010	

DRAWING NO:- N-II/M-1593