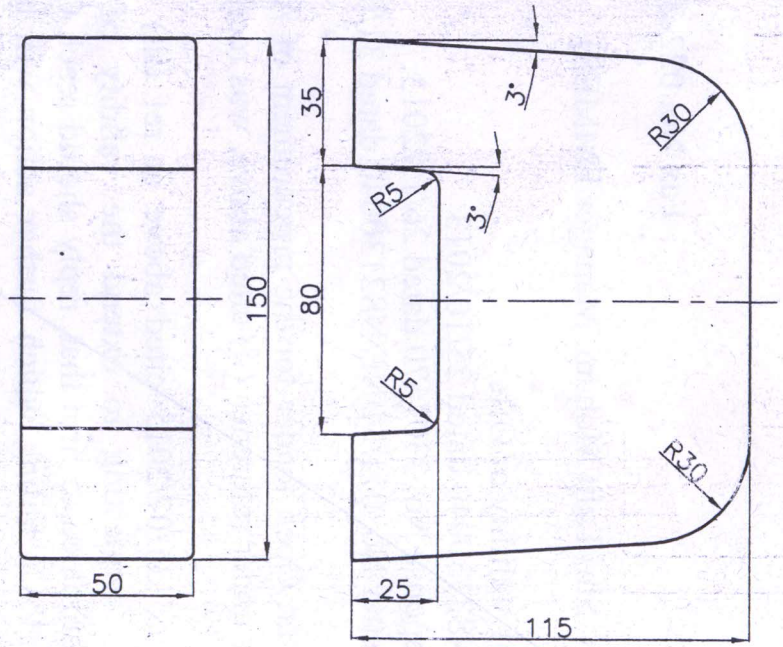
DRG. NO. FDY–219 A

NOTE:

1) GENERAL TOL. AS PER IS:2102 COARSE UNLESS OTHERWISE SPECIFIED



COPY ISSUED BY CDD/OFAJ
यह प्रति सी डी डी/ओ.एफ.ए.जे. द्वारा दी गई है।
दिनांक :
Date 03-03-2017
for JWM/CDD

ADVANCED MATERIAL :-
FUSED SILICA/CALCIUM-ALUMINO-SILICATE NON WETTING REFRACTORY WITH HEAT-TREATED.
TEMP. - FOR CONTINUOUS USE AT 800°C

~~MATERIAL:- ASBESTOS FREE FUSED SILICA BASE NON WETTING REFRACTORY~~

DRAWN AS PER SAMPLE

CHEMICAL COMPOSITION	
MATERIAL	WEIGHT (%)
Al_2O_3	11.5 – 12.5
SiO_2	83.5 – 85.5
Fe_2O_3	<0.1

PHYSICAL PROPERTIES

BULK DENSITY (Kg/m)	1800
CCS (MPa)	34
MEAN SPECIFIC HEAT (J/Kg K)	1100
CO-EFFICIENT OF THERMAL EXPENSION	1.25×10^{-6}

THERMAL CONDUCTIVITY			
TEMPERATURE °C		THERMAL CONDUCTIVITY	
HOT FACE	COLD FACE	MEAN	W/m K
968	705	836	1.05

REV	DATE	DESCRIPTION	SIGN
49	18 02 08	MATERIAL CHANGED. DRG. NO. ADVANCED TO 'A'	

AMENDMENTS

DIMENSIONS ARE IN mm			
THIRD ANGLE PROJECTION			
SCALE – 1:2			
2003	NAME	DATE	
DRAWN	AMAL	20.06.03	
TRACED			
CHECKED		23-06-03	
JWM/CDD		24.06.03	
APPVD JWM/FDY			
JT.GM/MET			

MATERIAL: AS STATED

NOMENCLATURE: OVER FLOW DAM FOR CASTING M/C

STORE: ERMAT FURNACE

ORDNANCE FACTORY AMBAJHARI

DRAWING NO. FDY–219A

SHEET NO. – 1

NO. OF SHEETS – 1

OPN. NO.

COMPT. DAM