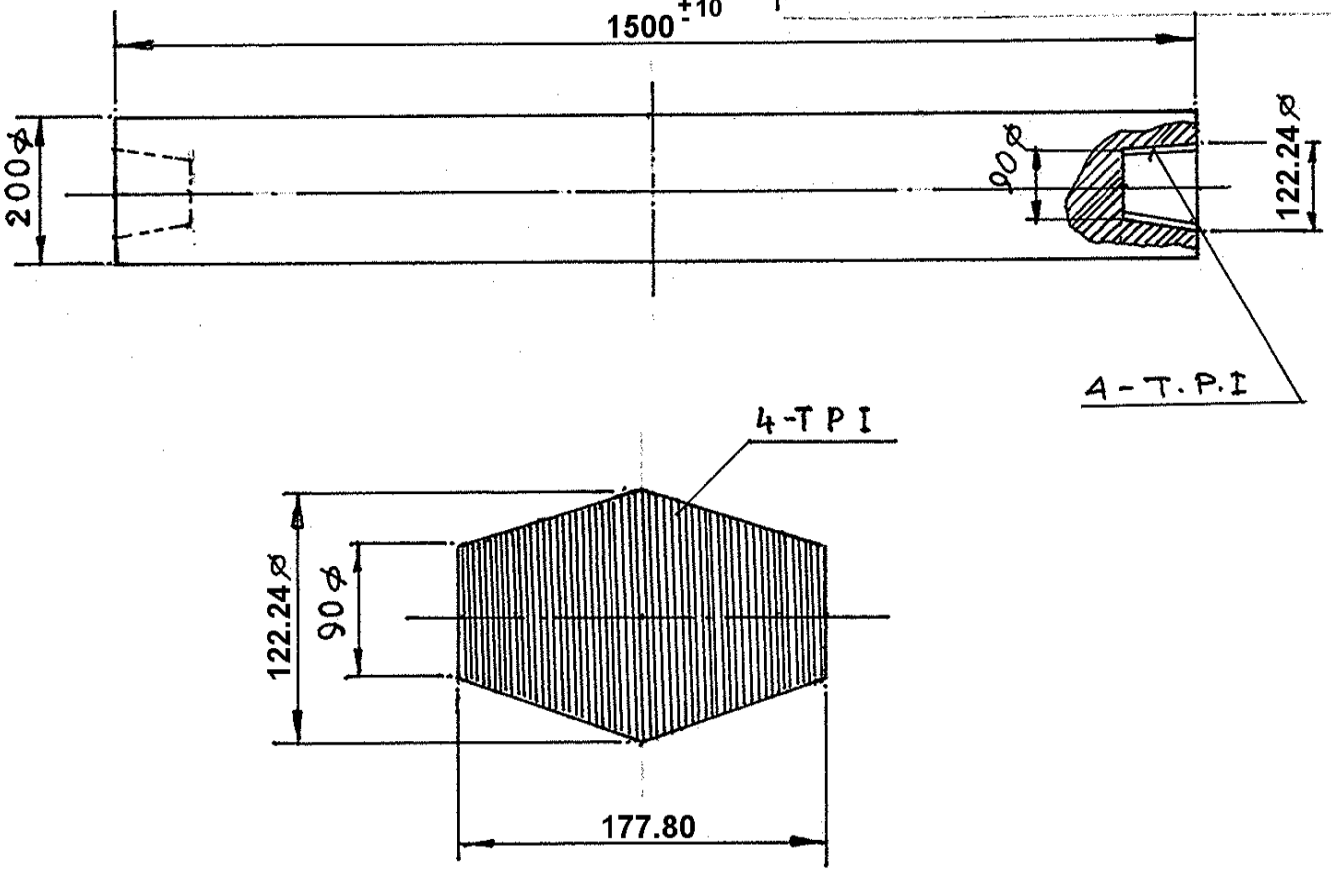
ALL DIMENSIONS IN MILLIMETRES



SPECIFICATION:—

BULK DENSITY	1.67 TO 1.73gm/ c.c
GRAIN SIZE	0.84 m.m max.
ELECTRICAL RESISTIVITY.	60-72 Ohm -cm x 10^{-5}
FLEXURAL STRENGTH.	170- 220 KG. / CM^2
COMPRESSIVE STRENGTH.	320 -400 KG./CM^2
Coefficient of Thermal Expansion	15-15 X 10^{-7} in/ in/ °C
APPARENT POROSITY.	21- 23%
ASH CONTENT.	0.20%

DIAMETER.	200 m.m.
WEIGHT.	80 KG. EACH (appx.)

JWM/ ESR

ITEM NO.	DESCRIPTION AND FINAL DIMENSIONS	NO. OFF.	MATERIAL	HARDNESS	REMARKS

INDEX	DESCRIPTION OF AMENDMENTS	DATE	NAME	ZONE
R_1	DRG. AMENDED, REF. JWM/SMR MEMO NO. NIL DT. 22-6-2012			

DESCRIPTION: —

GRAPHITE ELECTRODE & NIPPLE

FOR :— ESR SECTION

Ref- Memo No: 119/ SMR/ESR/02 dt 29/11/02

SCALE: NTS

DRAWN 28.11.02 HARENDRA

TRACED

CHECKED

APPROVED

HOS/DO 28/11/02 J.W. MANAGER (T)

CLEANING
ROUGHING
SMOOTHING
FINISHING

METAL & STEEL FACTORY, ISHAPORE.

DRG. NO. ESR/1000/26 R_1