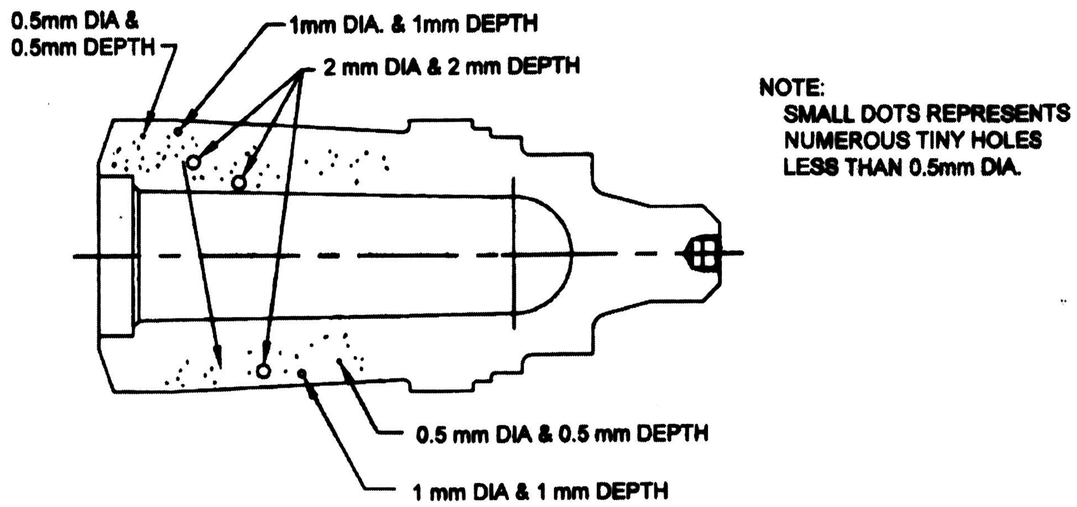
DRG. NO.: C-1946H

FOLLOWING SKETCHES ARE AS PER APPENDIX 'B' OF SPECN. CQA(A)4918(d)

ALL DIMNS. ARE IN mm.

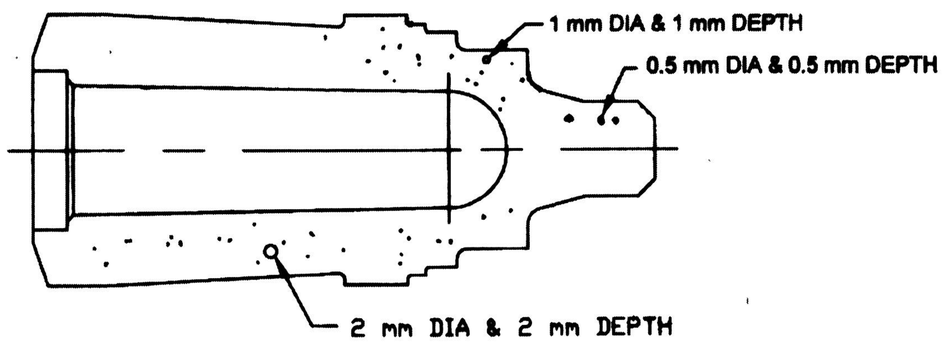
TOL. ON UNTOLERATED DIMNS. ARE ± IT 14/2



NOTE:
SMALL DOTS REPRESENTS NUMEROUS TINY HOLES LESS THAN 0.5mm DIA.

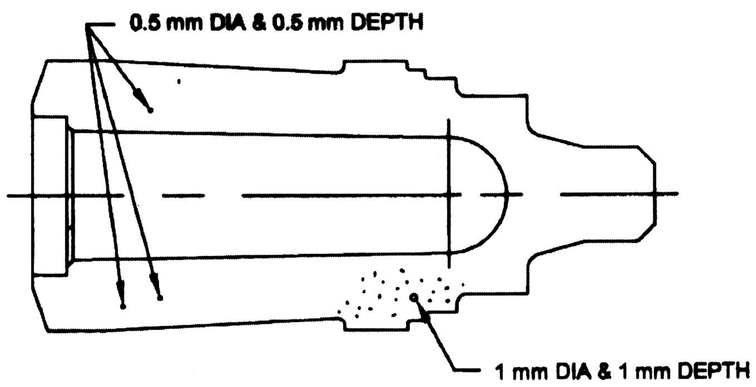
MARKED I (CLASSIFIED GOOD)
TOTAL NO OF BLOW HOLES : 7 ONLY

FIG. I



MARKED II (CLASSIFIED ACCEPTABLE)
TOTAL NO OF BLOW HOLES : 5 ONLY

FIG. II



MARKED III (CLASSIFIED ACCEPTABLE)
TOTAL NO. OF BLOW HOLES : 4 ONLY

FIG. III

ITEM NO.	NO OFF	MATERIAL	DESCRIPTION
01	01	AS ABOVE	CASTING BODY

LIST OF PARTS

DT & SG	DESCRIPTION
AMENDMENTS	

SCHEDULE NO.

SCALE: 1:2 — PROJECTION THIRD ANGLE

DRAWN BY:

CHECKED BY: 05.01.06

APPROVED BY: JWM/CDO 05.01.06

CONCURRED BY Jt. GM/QC 05/1/06

DATE

COMPT:- BODY
PROJECTILE FOR 84mm
TPT ROUND FFV 65

STORE DRG NO
F1301-047300M
F1301-047291-A

BLANK FOR PROJECTILE BODY (CASTING)

DRG. NO.: C-1946H

M/C

No. Of Shts. : 2

G & S FY. COSSIPORE

SHT NO. : 2

DRG. NO.: C-1946H

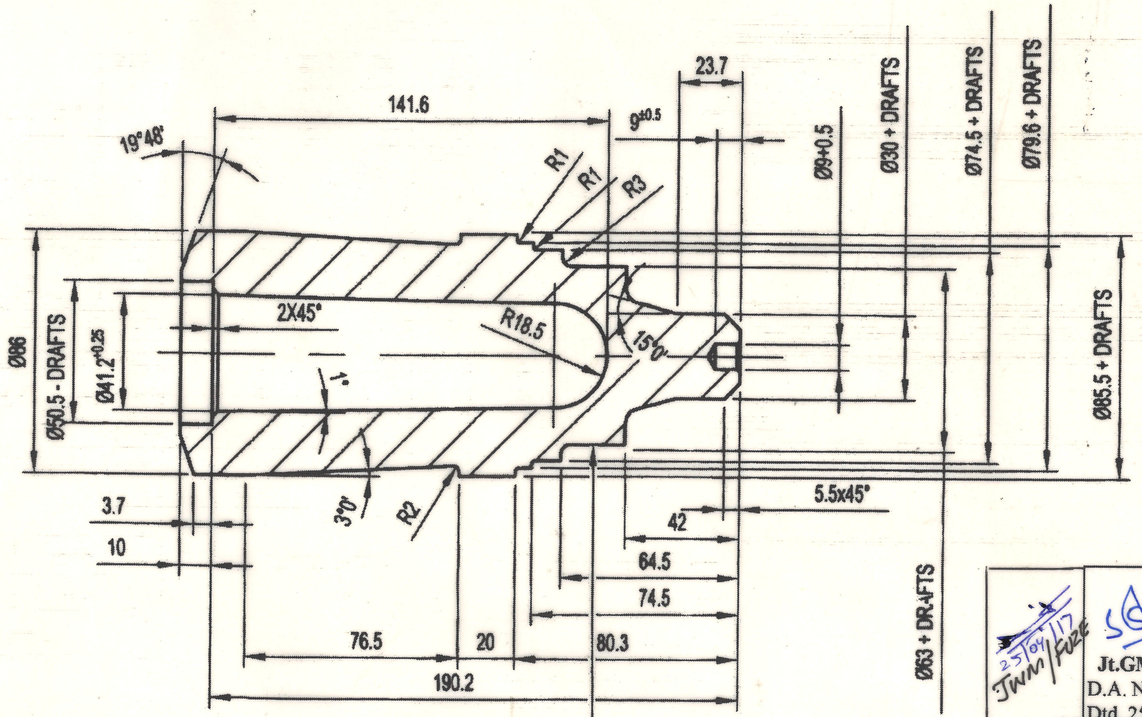
TOLERANCE CHART

SIZE	1 - 3	3 - 6	6 - 10	10 - 18	18 - 30	30 - 50	50 - 80	80 - 120	120-180	180-250
VALUE OF IT-14	0.25	0.30	0.36	0.43	0.52	0.62	0.74	0.87	1.00	1.15

MATERIAL :- IS: 617 - 1994, Gr. 4420 Cond. 'M' WITH 'Cu' UPTO 2% MIN. ACCEPTABLE.

MASS : 1640 gms. MINIMUM.

HARDNESS : 80 - 110 HB



SCALE : 1 : 2

ALL DIMNS. ARE IN mm.

UNLESS OTHERWISE STATED DRAFTS= 2°.

TOL. ON UNTOLERATED DIMNSIONS ± IT 14/2 &
SURFACE ROUGHNESS ∇40

(h)
MARKING
i) Mfg. INITIAL
ii) H.B. No. ------
H.B. i.e. HEAT BATCH

NOTE :-

1. THE CASTINGS ARE TO BE INSPECTED FOR THE FOLLOWING PARAMETERS :

a) **CHEMICAL COMPOSITION**:-
ONE CASTING FROM EACH CAST BATCH SHALL BE SELECTED AND TESTED FOR CHEMICAL COMPOSITION.

b) **MECHANICAL PROPERTIES**:-
ONE CASTING FROM EACH CAST BATCH SHALL BE SELECTED AND TESTED FOR MECHANICAL PROPERTIES.

c) **HARDNESS**:-
2.5% OF THE CASTINGS FROM EACH CAST BATCH SHALL BE SELECTED AT RANDOM FOR HARDNESS TEST.

d) **SOUNDNESS**:-
i) CASTING SHOULD BE FREE FROM SURFACE DEFECTS SUCH AS BURR, CRACKS, HEAVY DENTS OR DEEP SCRATCHES.

ii) ONE CASTING FROM EACH CAST BATCH SHALL BE EXAMINED FOR POROSITY BY SECTIONING. THE QUALITY OF CASTING WILL BE DECIDED BASED ON THE GUIDELINES SHOWN ON SKETCH ENCLOSED.

e) **MASS**:-
CASTINGS SELECTED AT RANDOM FROM EACH CAST BATCH SHALL BE CHECKED FOR MASS.

f) SUUPLY CONDITION - SEMI-MACHINED

25/04/17 JWM/FUZE	Jt.GM/QC D.A. No. 12/17 Dtd. 25/04/17	Marking note added & drg. no. advanced to 'H'
	D.A. No. 13/012 Dt. 07.05.12 (G) 07/5/12 JWM CDO	Note 'f' added as per directive of JT./GM (QC)
	Bimal JWM DA.No- 88/07 Dt.08/02/07 (E) JWM/CDO DA. No. 346 dt. 04.01.06	MATL. AMENDED VIDE CQA(MET) LETTER No.:- 84mm/AMN/MQA-2/1, 06JAN2003 -MASS & NOTE AMENDED
	(D) JWM/CDO DA. No. 341 dt. 14.12.05	D DWG. AMENDMENT IS BASED ON CQA(A) LETTER NO. QA/Proj/CNC dt.30.11.05 ID SHT. No. 2 IS ADDED
DT & SG	DESCRIPTION	
AMENDMENTS		

01	01	AS ABOVE	CASTING BODY
ITEM NO.	NO OFF	MATERIAL	DESCRIPTION

LIST OF PARTS

SCHEDULE NO.	
SCALE: 1:2	PROJECTION THIRD ANGLE
DRAWN BY:	
CHECKED BY: 04.01.06	
APPROVED BY: JWM/CDO 04.01.06	
APPROVED BY Jt. GM/QC 05/1/06	
DATE	SIGN.

COMPT:- BODY
PROJECTILE FOR 84mm
TPT ROUND FFV 65

STORE DRG NO
F1301-047300M
F1301-047291-A

BLANK FOR PROJECTILE BODY (CASTING)

DRG. NO.: C-1946H

M/C

No. OF SHTS: 2

SHT NO. : 1

G & S FY. COSSIPORE