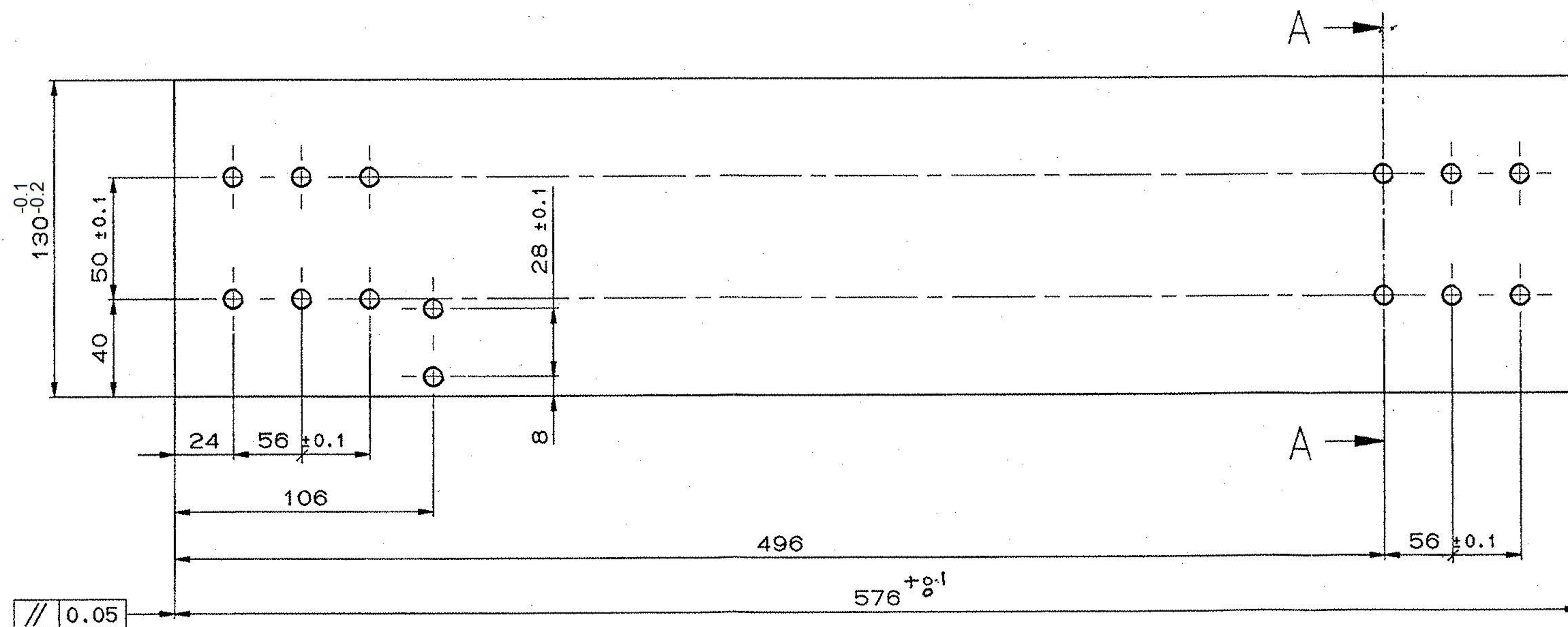
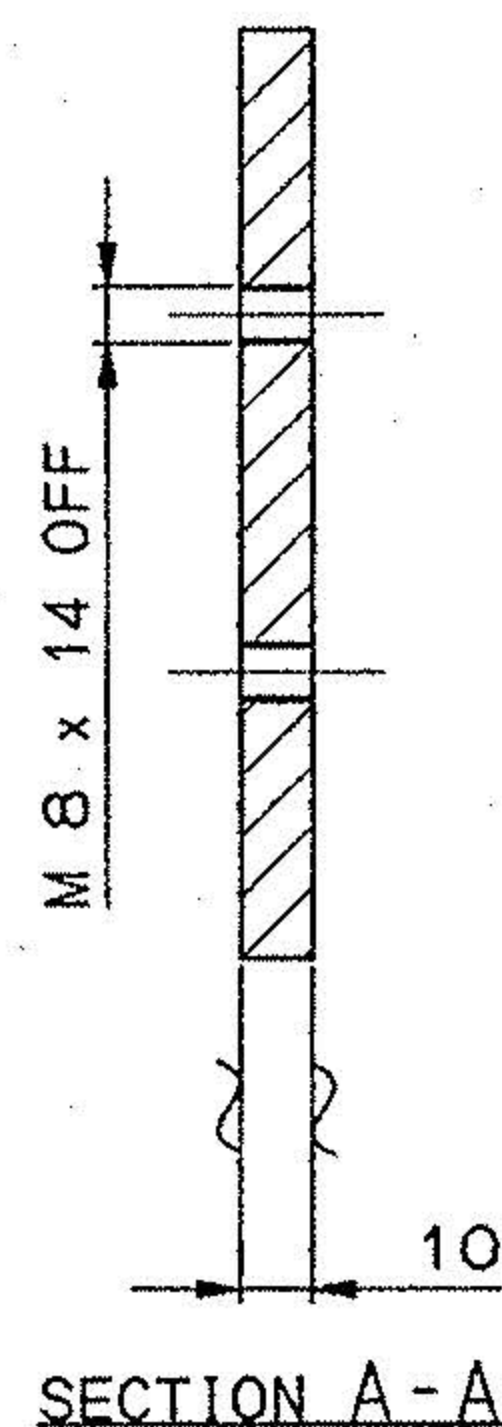


REVISION-I



*** S.S. AISI 316

W(2)

** PAINTING

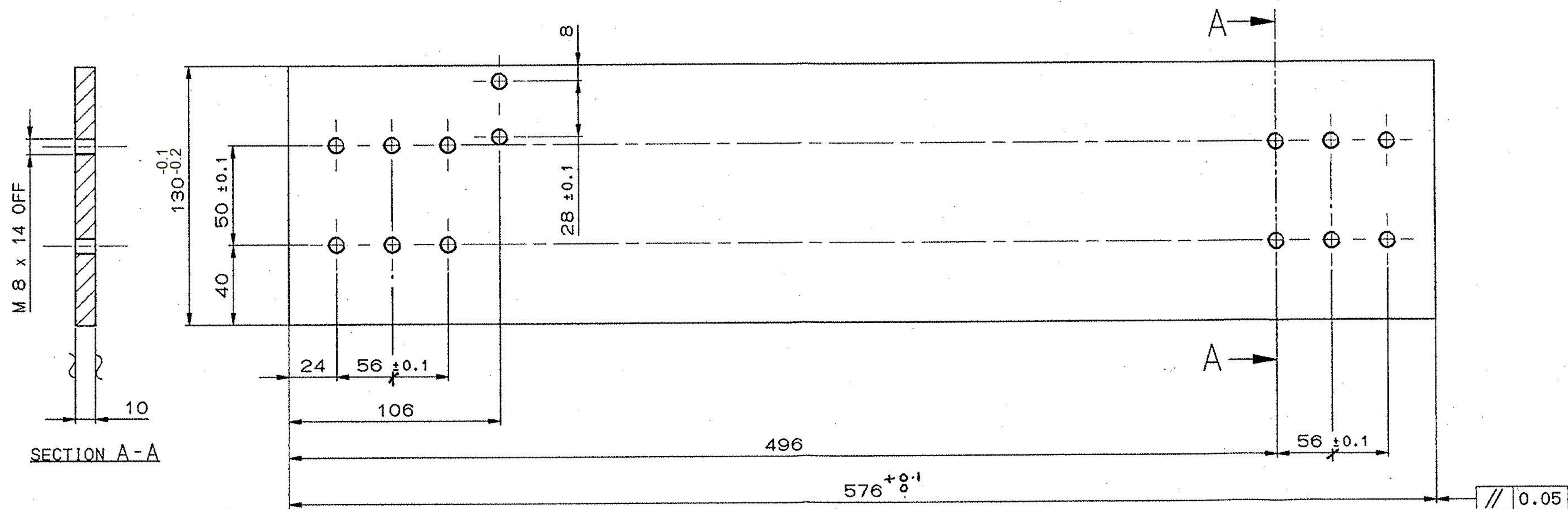
1. PRIMER RED OXIDE TO STANDARD IS:12744 TO BE APPLIED BY FIRM WHO IS SUPPLYING STORE TO MPF AS PER DW-1134
2. PAINTING TO BE DONE AT MPF IN OR DURING ASSEMBLY AS PER DW-1134
3. DO NOT APPLY PRIMER AND PAINT ON THREAD

1	SUPPORT PLATE-V		***		***																														
No.OFF	DESCRIPTION	PART No.	MATERIAL	STANDARD	DIMENSIONS																														
GENERAL TOLERANCE LINEAR DIMENSIONS <table border="1"> <tr><td>0-8</td><td>±0.1</td></tr> <tr><td>8-30</td><td>±0.2</td></tr> <tr><td>30-120</td><td>±0.3</td></tr> <tr><td>120-315</td><td>±0.5</td></tr> <tr><td>315-1000</td><td>±0.8</td></tr> <tr><td>1000-2000</td><td>±1.2</td></tr> </table> ANGULAR DIMENSION <table border="1"> <tr><td>1-10</td><td>±1°</td></tr> <tr><td>10-50</td><td>±30'</td></tr> <tr><td>50-100</td><td>±20'</td></tr> <tr><td>>100</td><td>±10'</td></tr> </table> VALUE IN "um" <table border="1"> <tr><td>~</td><td>>25</td></tr> <tr><td>▽</td><td>8-25</td></tr> <tr><td>▽▽</td><td>1.6-8</td></tr> <tr><td>▽▽▽</td><td>0.025-1.6</td></tr> <tr><td>▽▽▽▽</td><td><0.025</td></tr> </table> (G Ramesh) Commander Chief Inspector of Naval Armament for Controller of Naval Armament Inspection						0-8	±0.1	8-30	±0.2	30-120	±0.3	120-315	±0.5	315-1000	±0.8	1000-2000	±1.2	1-10	±1°	10-50	±30'	50-100	±20'	>100	±10'	~	>25	▽	8-25	▽▽	1.6-8	▽▽▽	0.025-1.6	▽▽▽▽	<0.025
0-8	±0.1																																		
8-30	±0.2																																		
30-120	±0.3																																		
120-315	±0.5																																		
315-1000	±0.8																																		
1000-2000	±1.2																																		
1-10	±1°																																		
10-50	±30'																																		
50-100	±20'																																		
>100	±10'																																		
~	>25																																		
▽	8-25																																		
▽▽	1.6-8																																		
▽▽▽	0.025-1.6																																		
▽▽▽▽	<0.025																																		
No.OFF	DRG. No. OF ASSOCIATED PART	INDEX	ALTERATION	DATE	NAME																														
SUPPORT PLATE-V				SCALE	DRAWN 27.01.09 VIJAY																														
LAUNCHER ASSEMBLY				1:2	CHECKED " " h																														
LR-MR LAUNCHER				APPROVED 17/2/09 h																															
KAVACH MOD-II				REPLACED BY																															
MACHINE TOOL PROTOTYPE FACTORY.				REPLACED FOR																															
AMBERNATH				Design Office	DRAWING No. DW-1108-1009-13																														

THE COPYRIGHT OF THESE DRAWINGS AND ATTACHMENTS TO THE INDIAN ORDNANCE FACTORIES, MINISTRY OF DEFENCE, GOVT. OF INDIA THEY SHOULD NOT BE COPIED, RE-PRODUCED IN ANY WAY OR THE INFORMATION CONTAINED THEREIN MADE AVAILABLE TO UNAUTHORISED PERSONS WITHOUT THE WRITTEN PERMISSION OF THE DIRECTOR OF ORDNANCE FACTORIES.

NOMINAL SIZE & FIT DEVIATION

REVISION-I



S.S. AISI 316

W (~)

** PAINTING

1. PRIMER RED OXIDE TO STANDARD IS:12744 TO BE APPLIED BY FIRM WHO IS SUPPLYING STORE TO MPF AS PER DW-1134
2. PAINTING TO BE DONE AT MPF IN OR DURING ASSEMBLY AS PER DW-1134
3. DO NOT APPLY PRIMER AND PAINT ON THREAD

THE COPYRIGHT OF THESE DRAWINGS AND ATTACHMENTS TO THE INDIAN ORDNANCE FACTORIES, MINISTRY OF DEFENCE, GOVT. OF INDIA THEY SHOULD NOT BE COPIED, RE-PRODUCED IN ANY WAY OR THE INFORMATION CONTAINED THEREIN MADE AVAILABLE TO UNAUTHORISED PERSONS WITHOUT THE WRITTEN PERMISSION OF THE DIRECTOR OF ORDNANCE FACTORIES.

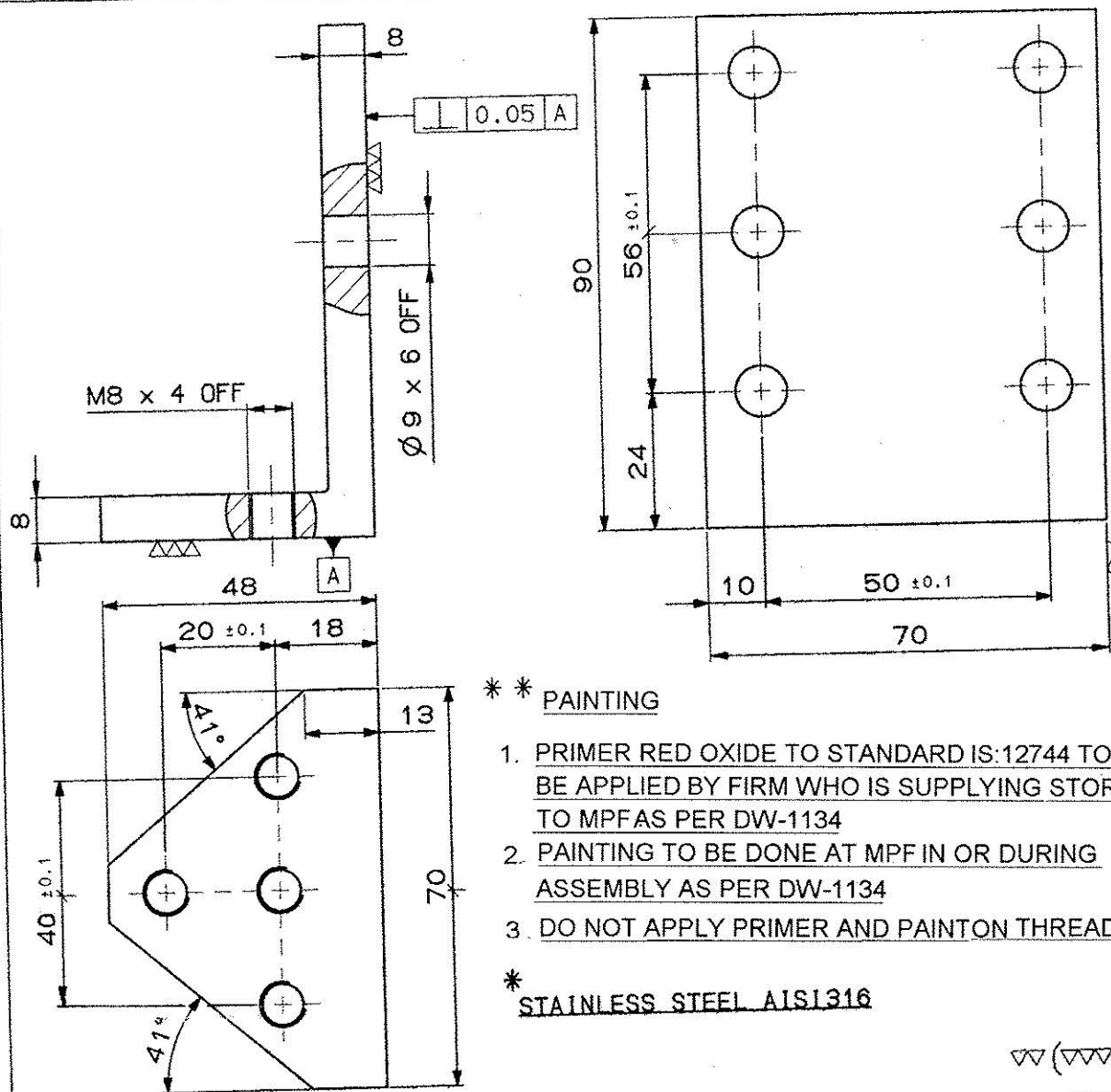
NOMINAL SIZE & FIT

DEVIATION

1	SUPPORT PLATE-VI		***			**
No. OFF	DESCRIPTION	PART No.	MATERIAL	STANDARD	DIMENSIONS	REMARKS
GENERAL TOLERANCE						
LINEAR DIMENSIONS						
0-8	±0.1					
8-30	±0.2					
30-120	±0.3					
120-315	±0.5					
315-1000	±0.8					
1000-2000	±1.2					
ANGULAR DIMENSION						
1-10	±1°					
10-50	±30'					
50-100	±20'					
>100	±10'					
VALUE IN "um"						
~	>25					
▽	8-25					
▽▽	1.8-8					
▽▽▽	0.025-1.6					
▽▽▽▽	<0.025					
SUPPORT PLATE-VI LAUNCHER ASSEMBLY LR-MR LAUNCHER KAVACH MOD-II						
MACHINE TOOL PROTOTYPE FACTORY, AMBERNATH						
Design Office						
DRAWING No. DW-1108-1010-13						
REPLACED BY REPLACED FOR						
SCALE 1:1						
DRAWN 27.01.00 VIJAY						
CHECKED #						
APPROVED 17/2/09						
DATE NAME						
No. OFF DRG. No. OF ASSOCIATED PART INDEX ALTERATION						
MUMBAI						
(G Ramesh) Commander Chief Inspector of Naval Armament for Controller of Naval Armament Inspection						



1	SUPPORT BRACKET	** * JTC	** *
NO. OFF	DESCRIPTION	MATERIAL & STD.	DIMENSION
GENERAL TOLERANCE			
LINEAR DIMENSIONS			
0-8	±0.1		
8-30	±0.2		
30-120	±0.3		
120-315	±0.5		
315-1000	±0.8		
1000-2000	±1.2		
ANGULAR DIMENSION	NO. OFF	DRG. NO OF ASSOCIATED PART	INDEX
1-10	±1°		
10-50	±30'		
50-100	±20'		
>100	±10'		
VALUE IN "um"			
~	>25		
▽	0-25		
▽▽	1.0-9		
▽▽▽	0.025-1.0		
▽▽▽▽	<0.025		
NOMINAL SIZE & FIT	DEVIATION		
		G Ramesh) Commander Chief Inspector of Naval Armament for Controller of Naval Armament Inspection	
		SUPPORT BRACKET LAUNCHER ASSY LRMR LAUNCHER KAVACH MOD-II	
		MACHINE TOOL PROTOTYPE FACTORY AMBERNATH	
		Design Office	
		REPLACED BY REPLACED FOR DRAWING NO. DW-1108-1014-14	
		SCALE 1:1 DRAWN 27.01.09 CHECKED APPROVED	
		DATE NAME VIJAY	



**** PAINTING**

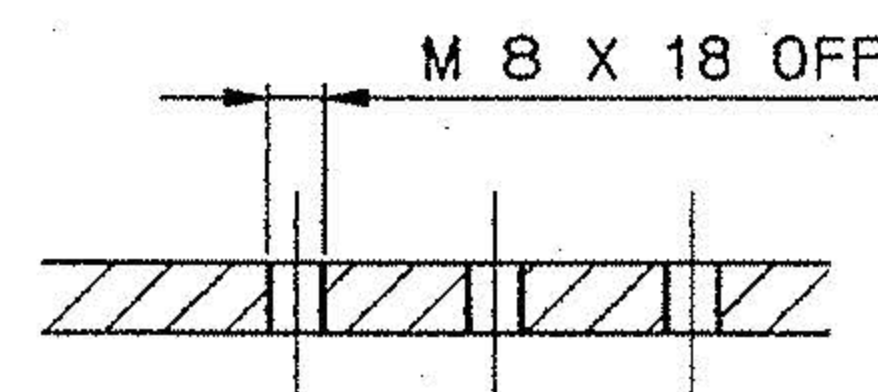
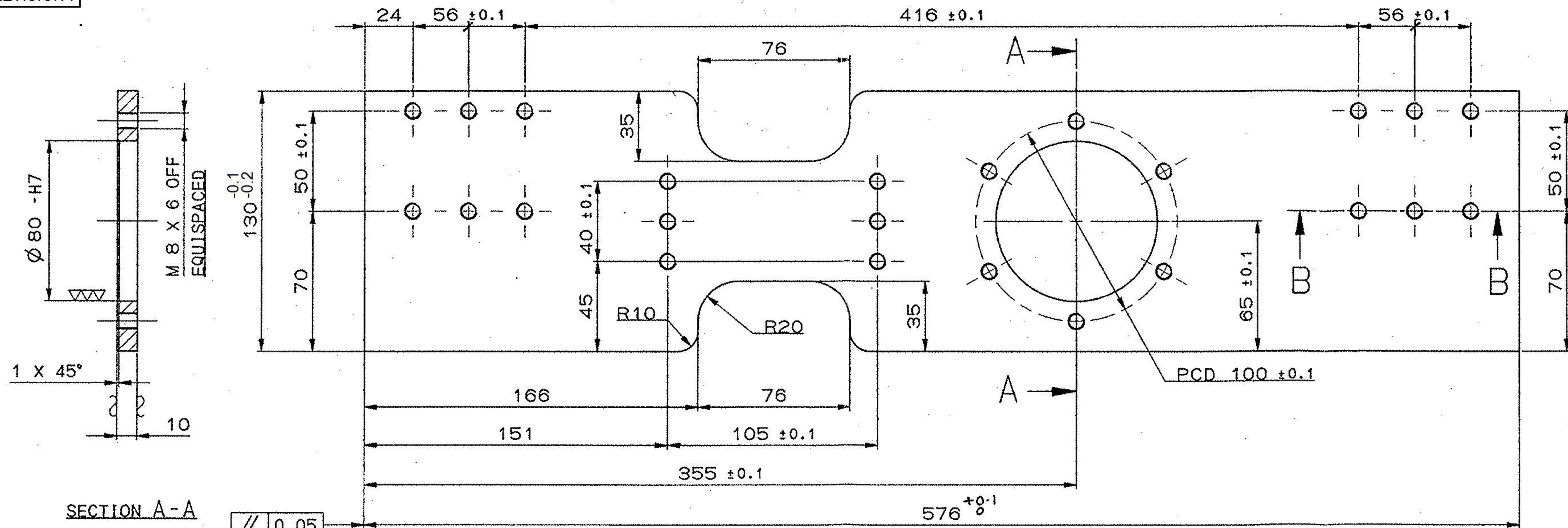
1. PRIMER RED OXIDE TO STANDARD IS:12744 TO BE APPLIED BY FIRM WHO IS SUPPLYING STORE TO MPFAS PER DW-1134
2. PAINTING TO BE DONE AT MPF IN OR DURING ASSEMBLY AS PER DW-1134
3. DO NOT APPLY PRIMER AND PAINT ON THREAD

*** STAINLESS STEEL AISI316**

▽▽ (▽▽)

1		SUPPORT BRACKET-1		* **																															
NO. OFF	DESCRIPTION	PART NO.	MATERIAL	STD.	REMARKS																														
GENERAL TOLERANCE LINEAR DIMENSIONS <table border="1"> <tr><td>0-6</td><td>±0.1</td></tr> <tr><td>6-30</td><td>±0.2</td></tr> <tr><td>30-120</td><td>±0.3</td></tr> <tr><td>120-218</td><td>±0.5</td></tr> <tr><td>218-1000</td><td>±0.8</td></tr> <tr><td>1000-2000</td><td>±1.2</td></tr> </table> ANGULAR DIMENSION <table border="1"> <tr><td>1-10</td><td>±1°</td></tr> <tr><td>10-50</td><td>±30'</td></tr> <tr><td>50-100</td><td>±20'</td></tr> <tr><td>>100</td><td>±10'</td></tr> </table> VALUE IN "um" <table border="1"> <tr><td>~</td><td>325</td></tr> <tr><td>∇</td><td>8-25</td></tr> <tr><td>▽</td><td>1.6-8</td></tr> <tr><td>▽▽</td><td>0.025-1.6</td></tr> <tr><td>▽▽▽</td><td><0.025</td></tr> </table> NO. OFF DRG. NO. OF ASSOCIATED PART INDEX ALTERATION						0-6	±0.1	6-30	±0.2	30-120	±0.3	120-218	±0.5	218-1000	±0.8	1000-2000	±1.2	1-10	±1°	10-50	±30'	50-100	±20'	>100	±10'	~	325	∇	8-25	▽	1.6-8	▽▽	0.025-1.6	▽▽▽	<0.025
0-6	±0.1																																		
6-30	±0.2																																		
30-120	±0.3																																		
120-218	±0.5																																		
218-1000	±0.8																																		
1000-2000	±1.2																																		
1-10	±1°																																		
10-50	±30'																																		
50-100	±20'																																		
>100	±10'																																		
~	325																																		
∇	8-25																																		
▽	1.6-8																																		
▽▽	0.025-1.6																																		
▽▽▽	<0.025																																		
SUPPORT BRACKET-1 LAUNCHER ASSEMBLY SR LAUNCHER KAVACH MOD-II																																			
MACHINE TOOL PROTOTYPE FACTORY AMBERNATH																																			
SCALE 1:1																																			
DRAWN 27.01.06 VIJAY																																			
CHECKED 11 Am																																			
APPROVED 11/01/06 Rm																																			
REPLACED BY REPLACED FOR DRAWING NO. DW-1108-1015-14																																			
NOMINAL SIZE & FIT DEVIATION																																			

REVISION-I



SECTION B-B

*** S.S. AISI 316

W(W~)

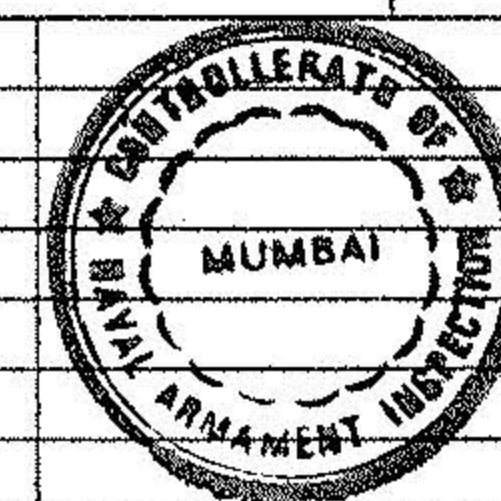
** PAINTING

1. PRIMER RED OXIDE TO STANDARD IS:12744 TO BE APPLIED BY FIRM WHO IS SUPPLYING STORE TO MPFAS PER DW-1134
2. PAINTING TO BE DONE AT MPF IN OR DURING ASSEMBLY AS PER DW-1134
3. DO NOT APPLY PRIMER AND PAINT ON THREAD AND BORE SURFACE

THE COPYRIGHT OF THESE DRAWINGS AND ATTACHMENTS TO THE INDIAN ORDNANCE FACTORIES, MINISTRY OF DEFENCE, GOVT. OF INDIA THEY SHOULD NOT BE COPIED, RE-PRODUCED IN ANY WAY OR THE INFORMATION CONTAINED THEREIN MADE AVAILABLE TO UNAUTHORISED PERSONS WITHOUT THE WRITTEN PERMISSION OF THE DIRECTOR OF ORDNANCE FACTORIES.

Ø 80-H7	+0.035 0
NOMINAL SIZE & FIT	DEVIATION

1 SUPPORT SIDE PLATE-II		***		**	
No.OFF	DESCRIPTION	PART No.	MATERIAL	STANDARD	DIMENSIONS
GENERAL TOLERANCE					
LINEAR DIMENSIONS					
0-6	±0.1				
6-30	±0.2				
30-120	±0.3				
120-315	±0.5				
315-1000	±0.8				
1000-2000	±1.2				
ANGULAR DIMENSION					
1-10	±1°				
10-50	±30'				
50-100	±20'				
>100	±10'				
VALUE IN "um"					
~	>25				
▽	8-25				
▽▽	1.6-8				
▽▽▽	0.025-1.6				
▽▽▽▽	<0.025				
SUPPORT SIDE PLATE-II		No.OFF		DRG. No. OF ASSOCIATED PART	INDEX
LAUNCHER ASSEMBLY					
LR-MR LAUNCHER					
KAVACH MOD-II					
MACHINE TOOL PROTOTYPE FACTORY, AMBERNATH		Design Office		DRAWING No. DW-1108-1016-13	
				REPLACED BY	
				REPLACED FOR	
				DATE	
				NAME	
				SCALE	
				DRAWN	
				CHECKED	
				APPROVED	
				DATE	
				NAME	



(G Ramesh)
Commander
Chief Inspector of Naval Armament
for Controller of Naval Armament Inspection

SCALE
1:2
DRAWN 24.01.09
CHECKED 11
APPROVED 17/01/09