

<div>AQUA GROUP</div>		AQUASUB ENGINEERING UNIT IV FOUNDRY II												
		MACHINE SHOP												
		INSPECTION REPORT												
PART NAME		Bonnet				CUSTOMER						FIR	<input type="text"/>	
DRAWING NO / REV NO		1003433 / 007				LOT QTY						ISIR	<input type="text"/>	
DATE						SAMPLE QTY						IN-PROCESS	<input type="text"/>	
OPERATION						INVOICE NO						PDIR	<input type="text"/>	
MACHINE NAME						MACHINE NO						FINAL	<input type="text"/>	
CH. NO	CHARACTERISTIC	BASE DIM	BASE DIM	TOLERANCE		MIN	MAX	GAUGING	OBSERVATION					STATUS
		INCH	MM	-	+	DIM	DIM	METHOD	1	2	3	4	5	
1	Outer Diameter	–	68	0.3	0.3	67.7	68.3	Digital Caliper						
2	Outer Diameter	–	55	0.3	0.3	54.7	55.3	Digital Caliper						
3	Inner Diameter	–	32	0.000	0.039	32.000	32.039	Plain Plug Gauge / Bore Gauge						
4	Renold Maximum	–	100	–	–	–	100	Roughness Tester / Comparator						
5	Drill Depth	–	17	0.2	0.2	16.8	17.2	Pin Gauge / Digital Caliper						
6	Thread Depth	–	13	0.2	0.2	12.8	13.2	Thread Gauge / Digital Caliper						
7	Renold Maximum	–	25	–	–	–	25	Roughness Tester / Comparator						
8	Depth	–	53	0.1	0.1	52.9	53.1	Digital Depth Caliper						
9	Run out	–	0.05	–	–	–	0.05	CMM						
10	Flange Thickness	–	14.5	1.5	1.5	13.0	16.0	Digital Caliper						
11	Outer Diameter	–	134	0.3	0.3	133.7	134.3	Digital Caliper						
12	Renold Maximum	–	100	–	–	–	100	Roughness Tester / Comparator						
13	Run out	–	0.05	–	–	–	0.05	CMM						
14	Run out	–	0.05	–	–	–	0.05	CMM						
15	Run out	–	0.05	–	–	–	0.05	CMM						
16	Renold Maximum	–	100	–	–	–	100	Roughness Tester / Comparator						
17	Renold Maximum	–	100	–	–	–	100	Roughness Tester / Comparator						
18	Inner Diameter	–	14	0.0	0.3	14.0	14.3	Digital Caliper						
19	Outer Diameter	–	43	2.0	2.0	41.0	45.0	Digital Caliper						

20	Outer Diameter	–	51.6	0.1	0.0	51.5	51.6	Digital Caliper / Digital Micrometer						
21	Outer Diameter	–	67.9	0.1	0.0	67.8	67.9	Digital Caliper / Digital Micrometer						
22	Renold Maximum	–	25	–	–	–	25	Roughness Tester / Comparator						
23	Renold Maximum	–	100	–	–	–	100	Roughness Tester / Comparator						
24	Depth	–	38.5	0.3	0.3	38.2	38.8	Digital Depth Caliper						
25	Depth	–	4	0.1	0.1	3.9	4.1	Digital Depth Caliper						
26	Distance	–	82.5	0.1	0.1	82.4	82.6	Portable CMM						
27	Distance	–	138.5	0.2	0.2	138.3	138.7	Portable CMM						
28	Total Height	–	177	0.5	0.5	176.5	177.5	Digital Depth Caliper						
29	Distance	–	7	0.2	0.2	6.8	7.2	2D Electronics Height Gauge / Digital Caliper						
30	Renold Maximum	–	100	–	–	–	100	Roughness Tester / Comparator						
31	Depth	–	56	0.3	0.3	55.7	56.3	Digital Depth Caliper						
32	Run out	–	0.05	–	–	–	0.05	CMM						
33	Angle	–	45°	0°30'	0°30'	44°30'	45°30'	Template						
34	Renold Maximum	–	25	–	–	–	25	Roughness Tester / Comparator						
35	Inner Diameter	–	24	0.0	0.1	24.0	24.1	Bore Gauge						
36	Renold Maximum	–	6.3	–	–	–	6.3	Roughness Tester / Comparator						
37	Thread Gauge	–	M6 X 1-6H					Thread Plug Gauge						
38	Renold Maximum	–	100	–	–	–	100	Roughness Tester / Comparator						
39	Drill Diameter	–	16	0.00	0.11	16.00	16.11	Plain Plug Gauge / Digital Caliper						
40	Angle	–	103°	0°20'	0°20'	102°40'	103°20'	CMM						
41	Renold Maximum	–	100	–	–	–	100	Roughness Tester / Comparator						
42	Drill Depth	–	6	0.1	0.1	5.9	6.1	Pin Gauge / Digital Caliper						
43	Drill Diameter	–	2	0.1	0.1	1.9	2.1	Pin Gauge / Digital Caliper						
44	Pitch Circle Diameter	–	100	0.3	0.3	99.7	100.3	Portable CMM / CMM						

45	Pitch Circle Diameter	–	42	0.3	0.3	41.7	42.3	Portable CMM / CMM						
46	Pitch Circle Diameter	–	90	0.3	0.3	89.7	90.3	Portable CMM / CMM						
47	Renold Maximum	–	100	–	–	–	100	Roughness Tester / Comparator						
48	Drill Diameter	–	14	0.2	0.2	13.8	14.2	Digital Caliper						
49	Angle	–	45°	0°30'	0°30'	44°30'	45°30'	Portable CMM / CMM						
50	Renold Maximum	–	100	–	–	–	100.0	Roughness Tester / Comparator						
–	–	–	Heat code					Visual						
–	–	–	Free from burrs,damage and rust					Visual						
ABBREVIATIONS														
COMMENTS														
INSPECTED BY								APPROVED BY						