CHIETA
CHEMICAL INDUSTRIES EDUCATION & TRAINING AUTHORITY
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SD - 002: BOILERMAKER EQUIPMENT AND TOOL LIST

SECTION A: TOOL LIST

To be completed by applicant during self evaluation

NO.	TOOLS	RATIO TO APPIE / LEARN	YES	NO
1.	PLIER – SIDECUT HD SKILLCRAFT M200	1 : 1		
2.	PLIER – WATERPUMP GEDORE 141 250 MM	1 : 1		
3.	PLIER – CIRCLIP O/S STR WILL 141 160	1 : 1		
4.	PLIER – CIRCLIP INS STR WILL 143 180	1 : 1		
5.	VICE GRIP – GEDORE 137 250MM	1 : 1		
6.	SCREWDRIVER – WERALIT 10001 BLK PT	1 : 1		
7.	FRAME HACKSAW – MITCO PROFESSIONAL	1 : 1		
8.	FRAME HACKSAW – ECLIPSE JUNIOR 14J	1 : 1		
9.	HAMMER – BALLPEIN GEDORE 300G	1 : 1		
10.	HAMMER – CLUB DIAMOND 1.8KG	1 : 1		
11.	WRENCH ADJUSTABLE – GEDORE 62 300MM	1 : 1		
12.	WRENCH ADJUSTABLE – IREGA 99 150MM	1 : 1		
13.	DIVIDER SPRING – GROZ DD/6150MM	1 : 1		
14.	TINSNIP – GEDORE 8531 300MM	1 : 1		
15.	TOOLBOX SET – GEDORE # 1262 46 X 26 X 21 M	1 : 1		
16.	BRASS LOCK – VIRO 302 40MM	1 : 1		
	MEASURING EQUIPMENT			
17.	TAPE MEASURE – STANLEY 33 – 194 5M OR LONGER	1 : 1		
18.	STEEL RULE – GROZ 150MM	1 : 1		
19.	STEEL RULE – GROZ 300MM	1 : 1		
20.	TRAMMELS	5:1		
21.	ENGINEERS SQUARE 250MM	5:1		
22.	ENGINEERS SQUARE 500MM	5:1		
23.	ENGINEERS SQUARE 1M	5:1		
	WORKSHOP EQUIPMENT			
24.	PORTABLE DRILLING MACHINE	One per w.shop		
25.	PORTABLE GRINDING MACHINE	One per w.shop		
26.	PORTABLE ANGLE GRINDER	One per w.shop		
27.	PORTABLE JIG-SAW	One per w.shop		
	ARC WELDING			
28.	AC/DC WELDING MACHINES	5:1		
29.	WELDING SCREENS	5:1		
30.	ELECTRODE HOLDER	5:1		
31.	EARTH CLAMPS	5:1		
32.	CABLES	5:1		

NO.	TOOLS	RATIO TO APPIE / LEARN	YES	NO
33.	WIRE BRUSH	5:1		
34.	CHIPPING HAMMER	5:1		
35.	ARC WELDING HELMET	5:1		
36.	CONSUMALE MATERIALS	5:1		
	GAS WELDING/BRAZING/CUTTING			
37.	OXYGEN CYLINDER	5:1		
38.	ACETYLENE CYLINDER	5:1		
39.	CYLINDER TROLLEY	5:1		
40.	PRESSURE REGULATORS	5:1		
41.	HOSES AND COUPLINGS	5:1		
42.	FLASHBACK ARRESTERS	5:1		
43.	TORCHES	5:1		
44.	NOZZLES (ASSORMENT OF SIZES)	5:1		
45.	TIP CLEANERS	5:1		
46.	SPARK LIGHTER	5:1		
47.	CONSUMBALE MATERIAL (APPLICABLE)	5:1		
48.	GOGGLES (WELDING)	5:1		
	WELDING TECHNOLOGY AND PROCESSES			
49.	SHIELDED METAL ARC WELDING	5:1		
50.	TUNGSTEN INERT GAS WELDING	5:1		
51.	GAS METAL ARC WELDING	5:1		
52.	MATERIAL SPECIFIC – ALUMINIUM WELDING	5:1		
53.	MATERIAL SPECIFIC – STAINLESS STEEL WELDING	5:1		
54.	RIG FOR PERFORMING VERTICAL POSITION WELD	5:1		
55.	RIG FOR PERFORMING OVERHEAD POSITION WELD	5:1		
56.	BASIC LIFTING EQUIPMENT			
57.	CHAIN BLOCK: 2 TON MAX			
58.	COFFING BLOCK: 2 TON MAX			
59.	SHACKLES: 2 TON MAX			
60.	CHAIN CLINGS: 2.5 TON MAX			
61.	WIRE ROPE SLINGS: 20MM DIAMETER			
	HAND AND POWER MACHINES			
62.	TREADLE GUILLOTINE	One per w.shop		

NO.	TOOLS	RATIO TO APPIE / LEARN	YES	NO
63.	POWER GUILLOTINE	One per w.shop		
64.	PRESS BRAKE	One per w.shop		
65.	PUNCH AND CROPPER	One per w.shop		
66.	FORMING ROLLS (HAND)	One per w.shop		
67.	FORMING ROLLS (POWERED)	One per w.shop		
68.	COMPRESSOR AND RELATED PNEUMATIC TOOLS	One per w.shop		
69.	BENCH GRINDER (LG.)	One per w.shop		
	AUXILLIARY REQUIREMENTS / EQUIPMENT			
70.	DRAWING TABLE FOR DEVELOPMENTS	1:5		
71.	SUFFICIENT SPACE FOR LAYING OUT / STRETCHING OUT	One per w.shop		
72.	DISPLAY BOARD – STRUCTURAL STEEL PROFILES	One per w.shop		
73.	SUITABLE FLOOR SPACE FOR HAND TOOLS TRAINING			
74.	WORKSHOP LAYOUT TO BE COMPARTMENTALISED FOR VARIOUS PROCESSES			
	SAFETY			
75.	OVERALL	1 : 1		
76.	SAFETY BOOTS	1 : 1		
77.	EAR PLUGS	1 : 1		
78.	SAFETY GOGGLES	1 : 1		
79.	HARD HAT	1 : 1		
	COMMENTS			
APPLICANT		DATE		

SECTION B: SITE VISIT INSPECTION

To be completed by CHIETA Representative during sit visit

COMMENTS			
CHIETA REPRESENTATIVE		DATE	