

**E2/32/16 Workshop tools for welder trade**

SL NO	SI No in the syllabus	Item Description	Recommended sepcification	Required Quantity								T O T A L		
				MALAYINKEEZHU	THEVALAKKARA	MANEEDU	NENMARA	MARADU	PERINGOME	ARECODE	MADIKKAI		SEETHAMGOLI	
1	1	Leather Hand Gloves 14"	<b>leather hand gloves-</b> (pairs) for welding	8										8
2	2	Cotton hand Gloves 8"	<b>Cotton hand Gloves-</b> 8"	18							34	34		86
3	4	S.S Wire brush 5 rows and 3 rows	<b>S.S Wire brush-</b> 5 rows and 3 rows length - 15cm rows - 5 rows and 3 rows with stiffed high carbon steel wire								34			34
4	6	Safety boots for welders	<b>Safety boots for welders-</b> genuine leather , steel toe,light weight , PU sole , safety shoe should meet IS 15299	8								8		16
5	7	Leg guards leather	<b>Leg guards</b> -250x250 Split & Chrom leather(pair)	34				17			34	34		119
6	17	AG 4 Grinding wheels	AG 4 Grinding wheels- ( Dia-100mm,Rpm-15000) HS Code 6804	20							20	18		58
7	3	Chipping hammer with metal handle 250 Grams	<b>Chipping hammer-</b> with metal handle 250 Grams	18			3							21
8	4	Chisel cold flat 19 mm x 150 mm	<b>Chisel-</b> cold flat 19 mm x 150 mm, Should confirm IS 5663:1970							34				34
9	5	Centre punch 9 mm x 127 mm	<b>Centre punch-</b> 9 mm x 127 mm,Should confirm IS 7177:1999	5						34				39
10	7	Stainless steel rule 300mm	<b>Steel rule-</b> 300mm both inch and mm ( Stainless steel/ spring steel with engraving graduation , 1 mm Thickness 25 mm width )	4				30		8		4		46
11	9	Flat Tongs 350mm long	<b>Flat Tongs-</b> 350mm long handling hot metal				9			6		18		33
12	10	Hack saw frame fixed 300 mm	<b>Hack saw frame</b> -solid 300mm Fixed Type	26				22		26				74
13	11	File half round bastard 300 mm	<b>File-</b> halfround bastard-300mm -with handle, Should confirm IS 1931:2000	34	6			28		16				84

14	12	File flat 350 mm bastard	<b>File-</b> flat rough bastard-350mm -with handle, Should confirm IS 1931:2000	28	28		9	28		22			115
15	13	Hammer ball pane 1 kg with handle	<b>Hammer-</b> Ball pein 1 kg, Should confirm IS 841:1983	30			30	22		30			112
16	14	Tip Cleaner	<b>Tip Cleaner</b> -for cleaning gas welding & cutting nozziles made of s.s	11				26		18			55
17	15	Try square 6"	<b>Try square-</b> with 6" blade and stack	8		8		20		9			45
18	18	Number punch 6 mm	<b>Number punch</b> - made of high carbon steel 6mm - set	1				1					2
19	19	Letter punch 6 mm	<b>Letter punch-</b> made of high carbon steel 6mm - set	1				1					2
20	23	Spanner D.E. 6 mm to 32mm	<b>Spanner D.E.-</b> made of forged chrome steel. Set of 6mm to 32 mm sizes 6x7, 8x9, 10x11 ,12x13, 14x15, 16x17, 18x19, 20x22, 21x23, 24x27, 25x28, 30x32 - 1 set, Should confirm IS 2028:2004					1					1
21	26	S.S tape 5 meters flexible in case	<b>S.S tape-</b> 5 meter-flexible steel			1							1
22	60A	bench vices of 150 mm jaw opening	<b>bench vices:</b> bench vices of 150 mm jaw opening CI body	16			16			16		16	64
23	65	Anvil 12 sq. inches working area with stand	<b>Anvil-</b> 12 sq. inches working area with stand 50 Kg.					1		1			2
24	66	Swage block	<b>Swage block-</b> 12x12x4 inch					1		1			2