

Rajasthan Skill and Livelihoods Development corporation

(A Government of Rajasthan enterprise)

ELSTP - List of Tools, Equipment and Material

Job Role Name	Iron & Steel – Machinist	Sector Name	Iron_and_Steel			QP Code -	ISC/Q0909
Sr. No.	Equipment Name	Quantity proposed for a batch of 30 trainees	Unit Type	Is this a mandatory Equipment (Yes/No)	Dimension/ Specification/ Description of the Equipment/ ANY OTHER REMARK	No. of Tools Available	Remark
1	Steel rule 30 cm graduated both in English & Metric units	16	nos	Yes	Standard		
2	Outside spring caliper 150 mm	8	nos	Yes	Standard		
3	Inside spring caliper 150 mm	8	nos	Yes	Standard		
4	Divider spring 150 mm	8	nos	Yes	Standard		
5	Centre Punch 100 mm	8	nos	Yes	Standard		
6	Hammer B.P. 0.5 kg.	16	nos	Yes	Standard		
7	Cold chisel flat 25 x 200 mm	16	nos	Yes	Standard		
8	File flat 2nd cut 250 mm	16	nos	Yes	Standard		
9	File flat smooth 200 mm	16	nos	Yes	Standard		
10	Combination Plier 150 mm	16	nos	Yes	Standard		
11	Safety glasses	16	nos	Yes	Standard		
12	Surface plate 400 mm x 400mm grade	1	nos	Yes	Standard		
13	V- Block 100/7 – 80 – A	2	nos	Yes	Standard		
14	Try square 300 mm	2	nos	Yes	Standard		
15	Straight edge steel 500 mm	2	nos	Yes	Standard		
16	Steel tape 2 meter in case	1	nos	Yes	Standard		
17	Sprit level 2V 250, 05 meter	1	nos	Yes	Standard		
18	Hammer B.P. 800 gms. With handle	4	nos	Yes	Standard		

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19	Allen Hexagonal keys 2.5 to 12	2	set	Yes	Standard		
20	Spanner D.E. series 2 (set of 7 pieces)	6	set	Yes	Standard		
21	Assorted tools and bit holders for lathe, shaper, slotter & planner in different shapes and sizes	0	nos	No	As required		
22	Hacksaw frame adjustable 250-300 mm with blades	2	nos	Yes	Standard		
23	Hand vice 50 mm jaw	2	nos	Yes	Standard		
24	Radius turning attachment	1	nos	Yes	Standard		
25	Angle turning attachment	1	nos	Yes	Standard		
26	Compound angle vice (standard sine)	1	nos	Yes	Standard		
27	Knurling tools (set of 3) straight and diamond	1	each	Yes	Standard		
28	Plier cutting 200 mm	2	nos	Yes	Standard		
29	Hand hammer 1 kg. With handle	2	nos	Yes	Standard		
30	Micrometer outside 0-25 mm	4	nos	Yes	Standard		
31	Micrometer outside 25-50 mm	2	nos	Yes	Standard		
32	Digital micrometer 0-25 mm	1	nos	Yes	Standard		
33	Digital vernier caliper 0- 150 mm	1	nos	Yes	Standard		
34	Vernier height gauge 250 mm	1	nos	Yes	Standard		
35	Bevel gauge 200 mm	1	nos	Yes	Standard		
36	Dial test indicator with magnetic gauge type 1 grade A with magnetic base	1	nos	Yes	Standard		
37	Ring gauges 5 mm to 25 mm by 2.5 mm (GO & NO GO)	1	set	No	Standard		

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38	Magnifying glass 75 mm	2	nos	Yes	Standard		
39	Shaping machine 450 mm stroke (motorized) with all attachments	2	nos	No	Standard		
40	Shaping machine 315 mm stroke (hydraulic) with all attachments	1	nos	No	Standard		
41	Double column planer 1500 x 1000 x 1000 (motorized) with all attachments	1	nos	No	Standard		
42	Slotter 180 mm stroke (motorized) with all attachments	1	nos	No	Standard		
43	S5 and SC centre lathe (all geared) with specification as: along with 4 jaw chuck, Taper turning attachment, steadies, auto feed system, safety guard, motorized coolant system, with lighting arrangement and set of lathe tools. Or an CNC Turning Machine with same bed details	1	nos	no	Standard		
44	Tool and cutter grinder 250 mm	1	nos	Yes	Standard		
45	Pillar Drill machine 20 mm capacity with drill chuck & key.	1	nos	Yes	Standard		
46	Silicon carbide grinder for carbide tipped tools	1	nos	Yes	Standard		
47	Universal Milling machine with minimum specification having motorized up & down movement along with auto feed arrangement and with following attachments such as Vertical head, lotting attachment, Rack cutting attachment, Rotary table, Dividing head, Adaptors, arbors and collects etc.	2	nos	No	Standard		
48	Surface Grinding Machine with minimum specification as: Grinding machine plain surface, wheel dia. 175 mm (or near) with reciprocating table having longitudinal table traverse 200 mm (or near) fully automatic and fitted with adjustable traverse stops, machine to be fully motorized and fitted with ace guards and pumps, tank and pump fittings and also to be supplied with magnetic chuck 250 x 112 mm. Diamond tool holder, set of spanners, grease	1	nos	No	Standard		
49	CNC Milling Machine/Vertical Machining Centre with minimum specification as: Travel X-axis x Y-axis x Z-axis: Auto Tool Changer: 8 nos., Spindle power: 3.7kW (continuous rating) with popular control system like Fanuc/Siemens or equivalent along with motorized coolant system.	1	nos	Yes	Standard		