

**Rajasthan Skill and Livelihoods Development corporation**

(A Government of Rajasthan enterprise)

**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	Hammer B.P. 800 gms. With handle	2	nos	Yes	Standard		
2	Radius turning attachment	1	nos	Yes	Standard		
3	Divider spring 150 mm	4	nos	Yes	Standard		
4	Safety glasses	10	nos	Yes	Standard		
5	Knurling tools (set of 3) straight and diamond	1	each	Yes	Standard		
6	Angle turning attachment	1	nos	Yes	Standard		
7	SS 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	Yes	Standard		
8	Assorted tools and bit holders for lathe, shaper, slotter & planner in different shapes and sizes	1	nos	No	Standard		
9	Digital vernier caliper 0- 150 mm	2	nos	Yes	Standard		
10	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	Yes	Standard		
11	Compound angle vice (standard sine)	1	nos	Yes	Standard		
12	Magnifying glass 75 mm	2	nos	Yes	Standard		
13	Micrometer outside 25-50 mm	2	nos	Yes	Standard		
14	Hand vice 50 mm jaw	2	nos	Yes	Standard		
15	Digital micrometer 0-25 mm	2	nos	Yes	Standard		
16	Pillar Drill machine 20 mm capacity with drill chuck & key.	1	nos	Yes	Standard		
17	Vernier height gauge 250 mm	2	nos	Yes	Standard		
18	Dial test indicator with magnetic gauge type 1 grade A with magnetic base	1	nos	Yes	Standard		
19	Plier cutting 200 mm	2	nos	Yes	Standard		
20	Hacksaw frame adjustable 250-300 mm with blades	2	nos	Yes	Standard		
21	Ring gauges 5 mm to 25 mm by 2.5 mm (GO & NO GO)	1	set	Yes	Standard		
22	Spanner D.E. series 2 (set of 7 pieces)	6	set	Yes	Standard		
23	Hand hammer 1 kg. With handle	2	nos	Yes	Standard		
24	Bevel gauge 200 mm	1	nos	Yes	Standard		
25	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		
26	Micrometer outside 0-25 mm	2	nos	Yes	Standard		
27	Try square 300 mm	3	nos	Yes	Standard		
28	Centre Punch 100 mm	2	nos	Yes	Standard		
29	Cold chisel flat 25 x 200 mm	5	nos	Yes	Standard		
30	Surface plate 400 mm x 400mm grade	1	nos	Yes	Standard		
31	Steel tape 2 meter in case	5	nos	Yes	Standard		
32	V- Block 100/7 – 80 – A	2	nos	Yes	Standard		
33	File flat smooth 200 mm	5	nos	Yes	Standard		
34	Inside spring caliper 150 mm	4	nos	Yes	Standard		
35	Allen Hexagonal keys 2.5 to 12	2	set	Yes	Standard		
36	Outside spring caliper 150 mm	4	nos	Yes	Standard		
37	Steel rule 30 cm graduated both in English & Metric units	5	nos	Yes	Standard		
38	Combination Plier 150 mm	5	nos	Yes	Standard		
39	File flat 2nd cut 250 mm	5	nos	Yes	Standard		
40	Sprit level 2V 250, 05 meter	5	nos	Yes	Standard		
41	Hammer B.P. 0.5 kg.	5	nos	Yes	Standard		
42	Straight edge steel 500 mm	3	nos	Yes	Standard		