

Sector	H	Job Role Name	NSQF Level	Equipment Name	Minimum number of Equipment required (per batch of 30 trainees)	Unit Type	Is this a mandatory Equipment to be available at the Training Center (Yes/No)	Dimension/Specification/Description of the Equipment/ ANY OTHER REMARK
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Steel rule 30 cm graduated both in English & Metric units	16	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Outside spring caliper 150 mm	8	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Inside spring caliper 150 mm	8	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Divider spring 150 mm	8	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Centre Punch 100 mm	8	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Hammer B.P. 0.5 kg.	16	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Cold chisel flat 25 x 200 mm	16	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	File flat 2nd cut 250 mm	16	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	File flat smooth 200 mm	16	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Combination Plier 150 mm	16	nos	Yes	

Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Safety glasses	16	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Surface plate 400 mm x 400mm grade	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	V- Block 100/7 – 80 – A	2	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Try square 300 mm	2	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Straight edge steel 500 mm	2	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Steel tape 2 meter in case	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Sprit level 2V 250, 05 meter	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Hammer B.P. 800 gms. With handle	4	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Allen Hexagonal keys 2.5 to 12	2	set	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Spanner D.E. series 2 (set of 7 pieces)	6	set	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Assorted tools and bit holders for lathe, shaper, slotter & planner in different shapes and sizes	0	nos	No	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Hacksaw frame adjustable 250-300 mm with blades	2	nos	Yes	

Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Hand vice 50 mm jaw	2	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Radius turning attachment	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Angle turning attachment	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Compound angle vice (standard sine)	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Knurling tools (set of 3) straight and diamond	1	each	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Plier cutting 200 mm	2	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Hand hammer 1 kg. With handle	2	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Micrometer outside 0-25 mm	4	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Micrometer outside 25-50 mm	2	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Digital micrometer 0-25 mm	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Digital vernier caliper 0- 150 mm	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Vernier height gauge 250 mm	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Bevel gauge 200 mm	1	nos	Yes	

Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Dial test indicator with magnetic gauge type 1 grade A with magnetic base	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Ring gauges 5 mm to 25 mm by 2.5 mm (GO & NO GO)	1	set	No	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Magnifying glass 75 mm	2	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Shaping machine 450 mm stroke (motorized) with all attachments	2	nos	No	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Shaping machine 315 mm stroke (hydraulic) with all attachments	1	nos	No	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Double column planer 1500 x 1000 x 1000 (motorized) with all attachments	1	nos	No	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Slotter 180 mm stroke (motorized) with all attachments	1	nos	No	

Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	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	no	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Tool and cutter grinder 250 mm	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Pillar Drill machine 20 mm capacity with drill chuck & key.	1	nos	Yes	
Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	Silicon carbide grinder for carbide tipped tools	1	nos	Yes	

Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	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	
--------------	-----------	-----------------------------	---	--	---	-----	----	--

Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	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 gun, oil-can and	1	nos	No	
--------------	-----------	-----------------------------	---	--	---	-----	----	--

Iron & Steel	ISC/Q0909	Iron & Steel – Machinist	3	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	
--------------	-----------	-----------------------------	---	--	---	-----	-----	--