

**Please note that if it is found that the Centre is not having these mandatory equipment then the Centre will get REJECTED for the respective Job Roles**

SSC	QP Code	Job Role Name	NSQF Level	Equipment Name	Equipment Specifications/Details	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)
IASC	IAS/Q 3003	Junior Instrumentation Technician (Process Control)	3	Laptop	Base model with OS and application software for creating word documents and spread sheets.	1	nos	Yes
				White Board	Approximately 8' wide x 4' high	1	nos	Yes
				Markers	As required	1	nos	Yes
				Projector	DLP/LCD/LED type suitable for room size of 250 sq ft. Appx. 3000 Lumens	1	nos	Yes
					Screen approximately 8'W x 6'H	1	nos	Yes
					HDMI/SVG Cable	1	meter	Yes
					Pointer	1	nos	Yes
				Printer	Monochrome Inkjet / Laser, A3 size preferable	1	nos	Yes
				Fire & Safety kit	ABC fire extinguisher, Hard hat, Boots, Gloves, Safety Vest, Smoke Mask & Respirators, Goggles, Fire Blanket	1	nos	Yes
				First Aid Kit	General Purpose	1	nos	Yes
				General purpose Tool box	Screw driver set, Allen key set, Spanner set, Plier, Nose plier, Wire cutter, Stripper, Pipe wrench, Side wrench, Hacksaw, File set, Hammer, Meggar	1	nos	Yes
					Hammer Drill machine,	1	nos	Yes
					Soldering Iron, Solder, Flux,	1	nos	Yes
					Insulation Tape, Teflon tape	1	nos	Yes
				General purpose meters	3-1/2 digit DMM	1	nos	Yes
					3-1/2 digit Clipon / Tong tester	1	nos	Yes
					Meggar 1000V	1	nos	Yes

					Line tester	1	nos	Yes
				Electrical accessories	Plugs, sockets, MCBs, Fuses, Fuse holders, Junction Boxes, Bus Bars, Terminals, Lugs, Crimping tools, Relays, Reed Relays, PTs, CTs, Starters	1	nos	Yes
				Wires, cables and accessories	Power cables of different sizes, signal cables of different types, coaxial cables, flat cables, LAN cables, Fibre cables, Ferrules, Cable tiles, Cable Glands, Cable trays, Sleeves, Cable Termination tools	1	meter	Yes
				Connectors	Common Signal Connectors, LAN connectors, BNC connectors, Fibre connectors	1	Standard Size	Yes

				Force and Pressure sensor	LVDT	1	nos	Yes
					Load Cell	1	nos	Yes
					Pressure Gauge	1	nos	Yes
					Pressure Transmitter	1	nos	Yes
				Flow sensor	Ultrasonic	1	nos	Yes
				Position/ Velocity sensors	Optical Encoders-rotary, incremental	1	nos	Yes
				Limit switches	Mechanical	1	nos	Yes
					Optical	1	nos	Yes
				Indicators, Pushbutton	LED, NEON, Incandescent	1	nos	Yes
				Proximity sensors	Optical	1	nos	Yes
				Control Element - Valves	control Valve installation	1	nos	Yes
					Globe Valve	1	nos	Yes
					Safety Valve	1	nos	Yes
					Cut Model Valves	1	nos	Yes
				Actuators	Electrical - Rotary	1	nos	Yes
					Pneumatic - Linear	1	nos	Yes
					Hydraulic - Linear	1	nos	Yes
				Valve Position controller	Analog positioner	1	nos	Yes
					Digital positioner	1	nos	Yes
					P-I converter	1	nos	Yes

				rs	I-P converter	1	nos	Yes
				Chemical Earthing				
				DC Power supply - 24V/10A		1	nos	Yes
				Installation Accessories	Piece Of cable tray with accessories	1	nos	Yes
					Cable Tray Cover	1	nos	Yes
					Cable Tags	1	nos	Yes
					Ferruls- different types	1	Pack et	Yes
					Lugs- different types	1	Lot	Yes
					Signal Cables- different types	1	Lot	Yes

					Power Cables	1	Lot	Yes
					Distribution Box	1	nos	Yes
					Terminal Strip	1	Set	Yes
					Set of Screws	1	Set	Yes