



Fitter- Fabrication

Qualifications Pack- Fitter- Fabrication

QP Code: CSC/ Q 0306

NSQF Level: 3

Applicable NOS

1. CSC/N0303 Perform fitting operations on metal components using hand tools and manually operated machines
2. CSC/N0201 Perform simple manual cutting operations on carbon steels using oxy-fuel gas
3. CSC/N0202 Manually weld carbon steels in simple welding positions using Metal Arc Welding / Shielded Metal Arc Welding
4. CSC/N1335 Use basic health and safety practices at the workplace
5. CSC/N1336 Work effectively with others

SECTOR/S: CAPITAL GOODS

SUB-SECTOR:

1. Machine Tools
2. Process Plant Machinery
3. Dies, Moulds and Press Tools
4. Electrical and Power Machinery
5. Plastics Manufacturing Machinery
6. Light Engineering Goods
7. Textile Manufacturing Machinery

OCCUPATION: Fitting and Assembly

REFERENCE ID: CSC/Q0303




ALIGNED TO: NCO-2004/7233.10, 7233.20


Brief Job Description: It involves identifying metals, tools; carrying out fitting and fabrication operations like measuring, marking out, sawing, grinding, drilling, chiseling, threading, tapping, scraping, manual lapping and inspecting of components in order to fit a component as per specifications. It also involves basic oxy-fuel gas cutting and basic manual arc welding as per given instructions and under supervision.

Personal Attributes: Basic communication, numerical and computational abilities. Openness to learning, ability to plan and organise own work and identify and solve problems in the course of working. Understanding the need to take initiative and manage self and one's work to improve efficiency and effectiveness.

Note: Please refer QP for complete details <http://cgsc.in/pdf/Fitter%20-%20Fabrication.pdf>

Test Paper Questions (Sample)

S. NO	NOS	Question	Option A	Option B	Option C	option D
1	CSC/ N 0303	How many E's does a safety program have?	3	5	4	6
2	CSC/ N 0303	What kind of gauge is used for checking accuracy of micrometers and dial indicators?				None of them
3	CSC/ N 0303	The level of proximity of the measured value against true value is known as _____.	Precision	Standard	Accuracy	Sensitivity
4	CSC/ N 0303	What forms the alloy brass?	Copper and Zinc	Copper and Tin	Copper and Aluminum	Tin and Zinc
5	CSC/ N 0303	Which of the following operation is performed on Lathe?	Broaching	Parting	Shaping	Spot-facing
6	CSC/ N 0303	Raw materials and Work in Progress can be classified as _____.	Indirect Material	Standard Parts	Direct Material	Finished Material
7	CSC/ N 0201	Which flame is suitable for cutting?	Oxidizing	Neutral	Carburizing	Composite
8	CSC/ N 0201	By which color Oxygen Cylinder is marked with?	Black	Black with White Neck	Blue	Red
9	CSC/ N 0201	Temperature of inner cone of neutral flame is	1000 C	2100 C	1600C	3200C

10	CSC/ N 0201	Stresses on heating and cooling causes what kind of welding defect?	Shrinkage void	Incomplete fusion	Inclusions	Incomplete Penetration
11	CSC/ N 0201	<p>identify the below image</p> 	Hose	Flashback Arrestor	Coupling	Valve
12	CSC/ N 0202	. Which among the following defines the way of protecting individuals well being of health?	Safely	Adverse Situation	Health	Security
13	CSC/ N 0202	Out of the following which is not a type of resistance welding?	Spot Welding	Butt Welding	Pressure Welding	Percussion Welding
14	CSC/ N 0202	What is the arc initiation voltage in arc welding?	20-60V	100-140V	60-100V	140-180V
15	CSC/ N 0202	What should be the gap maintained for a good weld?	1 mm	7mm	3 mm	5mm
16	CSC/ N 0202	Out of the following which is not a fillet weld?	T Joint	Corner Joint	Lap Joint	Butt Joint
17	CSC/ N 0202	Poor deposition of weld rod causes which kind of defect?	Undercut	Porosity	Crack	Under fill



18	CSC/ N 1335	Whose responsibility is to provide the PPEs at work?	Employer	Co-worker	Supervisor	Yourself
19	CSC/ N 1335	Job safety checklist consists of _____, _____, _____ & _____.	Work Area, Material, Machine, Tools	Men, Machine, Work Area, Tools	Men, Machine, Material, Tools	Men, Work Area, Material, Tool
20	CSC/ N 1335	Which color depicts radiation hazard?	Red	Green	Orange	Purple
21	CSC/ N 1335	Class A fire causes due to _____.	Wood	Transformer	Oil	Chemical
22	CSC/ N 1335	What is the way of opening air way on an unconscious casualty?	Jaw Thrust	Lift the chin	Head tilt and jaw thrust) Head tilt and chin lift
23	CSC/ N 1335	Which of the following is correct ratio of chest compressions to rescue breaths for use in CPR of an adult casualty?	2 compressions : 30 rescue breaths	15 compressions: 2 rescue breaths	5 compressions : 1 rescue breath	30 compressions: 2 rescue breaths
24	CSC/ N 1336	What is the beginning of communication?	Encoding	Decoding	Chanelling	Ideating
25	CSC/ N 1336	Which of the following does not increases team effectiveness?	Understand team timing	Ignoring ineffective team processes	Paying attention to team task	Developing, using and reinforcing effective group norms
26	CSC/ N 1336	Which of the following is not task related within team?	Resource acquisition and management	Participation	Work Distribution	common mission



27	CSC/ N 1336	Efficiency of Organization increases by _____.	Programmed decisions	Less Planning	Non Programmed Decision	Lower Expectation
28	CSC/ N 1336	Manager with what quality can make the workplace better	Communication	Interpersonal skills	Knowledge	Experience
29	CSC/ N 1336	_____ will help the individual achieve the goal	Process	Event	Behavior	way