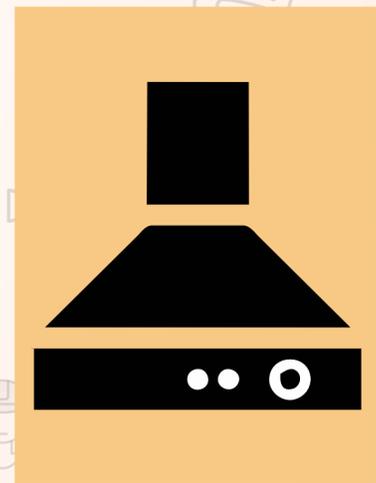
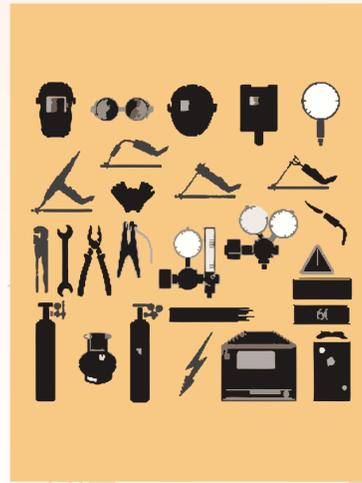




EQUIPMENT LIST

Fitter Fabrication (CSC/Q0303)

1	Manual Lifter	x 1
2	Welding Simulator (Welder Master - Smaw + Gmaw)	x 1
3	Safety Glasses	x 30
4	Grinding Helmet	x 10
5	Apron	x 15
6	Safety Shoes	x 30
7	Ear Plug	x 30
8	Industry Hand Gloves	x 30
9	Mouth Mask	x 30
10	Gas Cylinders	x 2
11	Gas Cutting Equipment	x 2
12	Arc Welding Machines	x 4
13	Vice Mounted Tables 3.5Ft X 3.5Ft X 2.5Ft	x 4
14	Pipe vice	x 2
15	Bench Vices	x 7
16	Welding Booths 4 X 5 & Welding Booth Including Job Holder	x 4
17	Grinders	x 4
18	Fume Extractors	x 4
19	Measuring Tools	x 24
20	Number Punch	x 3
21	Power Measuring Meters /Testing Meters	x 2
22	Hand Tools	x 60
23	Leather Leg Guard	x 10
24	Leather Hand Guard	x 10
25	Oven	x 2
26	Hammer	x 10
27	Combination Plier	x 5
28	Marking Tools	x 1
29	Surface Plate	x 1
30	Regulator	x 4
31	Angle Plate	x 3
32	Power Saw	x 2
33	Hand Shear	x 1
34	Drill Bit	x 3
35	Drilling Machine	x 2
36	Fire Fighting Equipment	x 4
37	Scrap Box	x 2
38	Power Back Up	x 1
39	Steel Rule	x 10
40	Leather Gloves	x 15





JOB ROLE OVERVIEW

Fitter Fabrication (CSC/Q0303)

Role Description	Performs fitting operations on metal components using hand tools and manually operated machines, as per specifications.
NSQF level	3
Minimum Educational Qualifications	10 th Standard pass, preferably
Maximum Educational Qualifications	Not Applicable
Prerequisite License or Training	No Previous Training Required
Minimum Job Entry Age	18 Years
Experience	No Previous Experience Required
Performance Criteria	As described in the relevant OS units

Applicable National Occupational Standards (NOS)

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

Guidelines for Assessment

- Criteria for assessment for each Qualification Pack will be created by the Sector Skill Council. Each Performance Criteria (PC) will be assigned marks proportional to its importance in NOS. SSC will also lay down proportion of marks for Theory and Skills Practical for each PC.
- The assessment for the theory part will be based on knowledge bank of questions created by the SSC.
- Assessment will be conducted for all compulsory NOS, and where applicable, on the selected elective/option NOS/set of NOS.
- Individual assessment agencies will create unique question papers for theory part for each candidate at each examination/training center (as per assessment criteria below).
- Individual assessment agencies will create unique evaluations for skill practical for every student at each examination/training center based on this criterion.
- To pass the Qualification Pack, every trainee should score a minimum of 70% of aggregate marks to successfully clear the assessment.
- In case of *unsuccessful completion*, the trainee may seek reassessment on the Qualification Pack.



CAREER MAP FITTER - FABRICATION

Tool and Die Maker

Fitter - Die Assembly

Fitter - Electrical and Electronic Assembly	Fitter - Mechanical Assembly	Fitter - Fabrication	Sub Assembly Fitter-Mechanical	Sub Assembly Fitter-Hydraulic	Sub Assembly Fitter-Pneumatic	Sub Assembly Fitter (Injection)	Fitter Machine Assembly	Fitter - Electrical and Electronic Assembly	Supervisor-Assembly	Supervisor-fabrication	Special Machine Shop
Supervisor-General Machine Shop	Supervisor-Tool Assembly	Supervisor-Tool and Raw Material Purchase	Supervisor-Pressure Vessels	Fitter - Mechanical Flow Measurement	Winder	Sand Mould Maker	Core Maker	Fabrication Planner			

Sheet Metal Worker - Hand Tools and Manually Operated Machines	Grinder - Hand and Hand Held Power Tools	Accessory Fitter	Fitter Boiler Insulator	Fitter Deburring	Fitter Drawing and Marking
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LEVEL 5

LEVEL 4

LEVEL 3

LEVEL 2