FITTER (GENERAL)

Source: National competency Standard
(Competency Standards Code No: D28S004)

Packaging for National Vocational Qualifications (NVQ)

- **National Certificate at NVQ Level 2 in the occupation of Fitter (General) will be awarded to those who are competent in units 2+5 - D28S004Q1L2**
- **National Certificate at NVQ Level 3 in the occupation of Fitter (General) will be awarded to those who are competent in units 2+4+5 - D28S004Q2L3**
- **National Certificate at NVQ Level 3 in the occupation of Fitter (General) will be awarded to those who are -competent in units 2+5+6 - D28S004Q3L3**
- **National Certificate at NVQ Level 4 in the occupation of Fitter (General) will be awarded to those who are competent in units 2+3+4+5 – D28S004Q4L4**
- **National Certificate at NVQ Level 4 in the occupation of Fitter (General) will be awarded to those who are competent in units 2+4+5+6 – D28S004Q5L4**



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Unit of competency	Element Number	Elements of Competence
1. Accept job orders D28S004U01	**1.1**	Obtain necessary information regarding job from customer/superior
	1.2	Determine suitable location/s, tools, equipment, material, time and labour required for the job.
	1.3	Prepare estimate.
	1.4	Prepare job order/card
2.Disassemble/Assemble Machinery/Equipment/ Dies/ Moulds. D28S004U02	**2.1**	Identify defects/faults and determine degree of dismantling required
	2.2	Determine procedures, tools and equipment required for the job and identify components
	2.3	Remove machine/ equipment/die/mould parts, clean and set aside.
	2.4	Inspect cleaned parts to determine their suitability for re-use.
	2.5	Assemble parts as required.
	2.6	Ensure proper functioning of assembled machine/equipment/die/ mould
3. Turn out/Fabricate Components D28S004U03	**3.1**	Determine work to be done and prepare plan.
	3.2	Select appropriate tools, equipment, material, and required new parts
	3.3	Turn out/fabricate component.
	3.4	Carry out quality inspection on finished component.
4. Repair Components of Machines, Tools, Dies and Moulds. D28S004U04	**4.1**	Clean and dismantle component as required
	4.2	Inspect component and identify defects.
	4.3	Identify causes of defects.
	4.4	Carry out processes in the identified sequence.
	4.5	Carry out inspection of finished component
5. Maintain Machines, Tools, and Equipment. D28S004U05	**5.1**	Carry out regular maintenance
	5.2	Identify repairs required for machinery, tools & equipment used by a fitter and report to relevant divisions.
	5.3	Maintain required tools and equipment in a serviceable condition for use
	5.4	Obtain and store material required for maintenance of tools and equipment in accordance with organisation's procedures
6.Install Machinery and Equipment D28S004U060	**6.1**	Identify/Determine method of installing machine/equipment
	6.2	Determine required tools, equipment, material and technical assistance.
	6.3	Determine sequence ofprocedures required to install machine/ equipment
	6.4	Carry out proceduresrequired to install machine/equipment

	6.5	Ensure correct installation of machine/equipment