ELEVATOR TECHNICIAN

Source: National competency Standard
(Competency Standards Code No: F45S014)
National Certificate at NVQ Level in the occupation of
ELVATOR TECHNICIAN will be awarded to those who are competent in
unit 2 - F45S014Q1L3 - NVQ Level 3
units 1+2+3 - F45S014Q2L4 - NVQ Level 4



NAITA Division

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Unit of competency	Element Number	Elements of Competence
1.Maintain an elevator F45S014U01	**1.1**	Perform preliminary procedures before starting maintenance work
	1.2	Perform maintenance work in the machine room
	1.3	Perform maintenance work in the hoistway
	1.4	Perform maintenance work in the elevator car
	1.5	Perform maintenance work in the pit
	1.6	Complete maintenance work
2.Install an elevator F45S014U02	**2.1**	Perform preliminary inspection at work place
	2.2	Prepare for installing elevator equipments
	2.3	Install hoistway (template)equipment
	2.4	Install hoistway (guide rails)
	2.5	Install entrance equipment
	2.6	Install pit equipment
	2.7	Install machine room equipment
	2.8	Hoist way wiring
	2.9	Assemble car frame and counter weight frame
3.Commission an elevator F45S014U03	**3.1**	Check wiring works
	3.2	Energize the elevator
	3.3	Perform elevator testing proceduresas per the manufactures guide lines
	3.4	Handover to customer

Related Knlowledge For Elevator Technician

1. Maintain an elevator - F45S014U01

1.1 Awareness of handling testing tools

1.2 Basic electrical terms and drawings

1.3 Functioning procedure of the elevator

1.4 Awareness of handling tool appropriate

1.5 Fundamentals of Electricity

1.6 Fundamentals of Mechanics

1.7 Fundamentals of Mathematics

1.8 Fundamentals of erosion & corrosions

1.9 Fundamentals of safety health &environment regulation

2. Install an elevator - F45S014U02

2.1 Relevant technical terms and drawing

2.2 Awareness of handling testing &measuring equipment

2.3 Read & interpret layout drawings

2.4 Awareness of handling tool appropriate

2.5 Fundamentals of Electricity

2.6 Fundamentals of Mechanics

2.7 Fundamentals of Mathematics

2.8 Fundamentals of erosion & corrosions

2.9 Fundamentals of safety health & environment regulation

3. Commission an elevator - F45S014U03

3.1 Relevant technical terms and drawing

3.2 Awareness of handling testing tools

3.3 Read in interpret layout drawings

3.4 Functions procedures of elevator

3.5 Relevant provisional actpiction test criteria

3.6 Awareness of handling tools

3.7 Fundamentals of Electricity

3.8 Fundamentals of Mechanics

3.9 Fundamental of Mathematics

3.10 Fundamental of safety health & environment regulation

3.11 Fundamentals of wiring