NATIONAL VOCATIONAL QUALIFICATION

NVQF LEVEL 1REFRIGERATION AND AIR-CONDITIONING (INSTALLATION MAINTENANCE AND REPAIRS)

Mandatory Units

S/No /Uni t No	Reference Number	NOS Title	Credit Value	Guided Learning Hours	Remark
1	CON/RAC/001/1	Basic concept of Refrigeration and air- conditioning	3	30hrs	Level 1 NVQF/QCF
2	CON/RAC/002/1	Communication in refrigeration and air-conditioning working environment	3	30hrs	Level 1 NVQF/QCF
3	CON/RAC/003/1	Work safely in refrigeration and air-conditioning working environment	3	30hrs	Level 1 NVQF/QCF
4	CON/RAC/004/1	Sheet metal works in refrigeration	4	40hrs	Level l NVQF/QCF
5	CON/RAC/005/1	Evacuating and Charging	6	60hrs	Level 1 NVQF/QCF
6	CON/RAC/006/1	Checking electrical faults, and repairs.	6	60hrs	Level 1 NVQF/QCF

NOTE: This is a 25credit qualification, to achieve this qualification; Learners are required to achieve 13 credits from mandatory units and 6 credits from the optional units. Each Credit is equivalent to approx. 10 Guided Learning Hours (GLH). The Total Learning Hours will therefore consist of the GLH *plus* the independent learning hours of the candidate,

which is generally 50% - 150% of the GLH. *The actual Total Learning Hours for each Credit will then be a minimum of 15 hours*.

Qualification Purpose:

This qualification is about equipping the learner with the basic concept of Refrigeration and Air Conditioning, introducing the learner to basic sheet metal work, trouble shooting and repairs of electrical faults, evacuation and charging in Refrigeration.

GUIDE

Unit title	Provides a clear explanation of the content of the unit.
Unit number	The unique number assigned to the unit
Unit reference	The unique reference number given to each unit at qualification approval by NBTE
Unit level	Denotes the level of the unit within the National Vocational Qualification framework NVQF.
Unit credit value	The value that has been given to the unit based on the expected learning time for an average learner. 1 credit = 10 learning hours
Unit aim	Provides a basic concept of the unit content.
Learning outcome	A statement of what a learner will know, understand or be able to do, as a result of a process of learning.
Assessment criteria	A description of the requirements a learner must achieve to demonstrate that a learning outcome has been met.
	Any additional guidance provided to

Unit assessment guidance	support the assessment of the unit.
Unit guided learning hours	The average number of hours of supervised or directed study time or assessment required to achieve a qualification or unit of a qualification.

National Vocational Qualification

CONSTRUCTION SECTOR

LEVEL 1: REFRIGERATION AND AIR-CONDITIONING

Unit 1: Basic concept of Refrigeration and air-conditioning

Unit Reference Number: CON/RAC/001/1

NVQ Level: 1

Credit Value: 3

Guided Learning Hours: 30hrs

Unit Purpose: This is about equipping the learner with the basic concept of

refrigeration and air-conditioning.

Unit assessment requirements/evidence requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. Simulation is not allowed in this unit and level.

- 1. Direct Observation/oral questions (DO)
- 2. Question and Answer (QA)
- 3. Witness Testimony (WT)
- 4. Personal statement (PS) or Reflective Practice (RP)
- 5. Recognition of Prior Learning (RPL)
- 6. Other methods (Ot), assignments, case study, essay, project, etc.

UNIT 01: Basic concept of Refrigeration and air-conditioning

LEARNING OBJECTIVE (LO)		PERFORMANCE CRITERIA	Evidence Type	Evide Ref. P	lo.
The learner will:		The learner can:			
LO 1:	1.1	Explain what is refrigeration			
DEMONSTRATE THE	1.2	Describe types of refrigeration systems			
BASIC CONCEPT OF	1.3	Explain classification of refrigeration			
REFRIGERATION	1.4	Define vapour compression system			
	1.5	Explain the working of the vapour			
		compression system			
	1.6	Sketch the schematic diagram of vapour			
		compression system			
T O A	2.1	Ends but the state of difference			
LO 2:	2.1	Explain what is air-conditioning			
DEMONSTRATE THE	2.2	Describe types of air-conditioning systems			
KNOWLEDGE OF	2.3	Explain the working of domestic air			
BASIC TERMS OF AIR-	2.4	conditioning system Sketch the schematic diagram of domestic			
CONDITIONING	2.4	air-conditioning system			
	2.5	Label the schematic diagram of domestic			
	2.3	air-conditioner			
		an-conditioner			
LO 3:	3.1	Explain what is a refrigerant			
DEMONSTRATE THE	3.2	Explain coding of refrigerants			
BASIC KNOWLEDGE	3.3	Identify refrigerants according to colour			
OF REFRIGERANT.		coding			
	3.4	Explain refrigerants according to number			
		codes			
	3.5	State properties of a refrigerant			
LO 4:	4.1	Identify job opportunities in refrigeration			
OUTLINE THE CAREER		and air-conditioning.			
OPPORTUNITIES IN	4.2	State the types of job specialties in			
REFRIGERATION AND	4.2	refrigeration and air-conditioning:			
AIR-CONDITIONING	4.3	Explain jobs specification of the following			
		specialties in refrigeration and air- conditioning:			
		Sales Engineer.			
		Application Engineer.			
		Maintenance Technician.			
		Sheet Metal Experts.			
		• Installers.			
		Oxy-acetylene Welding			
		expert.(Pipe Work			
		expert)			
LO 5:	5.1	Identify types of materials used for			
OUTLINE THE		external body framework of refrigerator			
	5.2	Describe the types of materials used as			

LEARNING		PERFORMANCE CRITERIA	Evidence			iden			
OBJECTIVE (LO)			Тур	e		Re	f. Pa	ge N	o.
The learner will:		The learner can:							
MATERIALS USED IN		insulator in refrigerator							
THE FABRICATION OF	5.3	Explain the types of materials used for							
REFRIGERATION		internal body framework of a refrigerator							
PARTS.	5.2	Explain condensers in refrigeration system							
	5.3	Explain everporators in refrigeration							
		system							
	5.4	Explain the types of pipes used in							
		evaporators and condensers units of							
		refrigerators							
	5.5	Distinguish between pipes used in							
		evaporators and condensers units of							
		refrigerators							

Learners Signature:	Date:
Assessors Signature:	Date:
IQA Signature (if sampled)	Date:
EQA Signature (if sampled)	Date:

Additional information about the unit	
Unit aim(s)	The aim of this unit is about equipping the learner with the basic concept of refrigeration and air-conditioning.
Unit expiry date	Dec. 2021
Details of the relationship between the	
unit and relevant national occupational standards (if appropriate)	

Details of the relationship between the unit and other standards or curricula (if appropriate)	
Assessment requirements specified by a sector or regulatory body (if appropriate)	
Endorsement of the unit by a sector or other appropriate body (if required)	
Location of the unit within the subject/sector classification system	Construction Sector
Name of the organisation submitting the unit	
Guided Learning Hours	30

National Vocational Qualification CONSTRUCTION SECTOR

LEVEL 1: REFRIGERATION AND AIR-CONDITIONING

Unit 2: Communication in refrigeration and air-conditioning working environment

Unit Reference Number: CON/RAC/002/1

NVQ Level: 1

Credit Value: 3

Guided Learning Hours: 30hrs

Unit Purpose: This unit is to equip the learner to communicate effectively in the working environment.

Unit assessment requirements/evidence requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. *Simulation is not allowed* in this unit and level.

- 1. Direct Observation/oral questions (DO)
- 2. Question and Answer (QA)
- 3. Witness Testimony (WT)
- 4. Personal statement (PS) or Reflective Practice (RP)
- 5. Recognition of Prior Learning (RPL)
- 6. Other methods (Ot), assignments, case study, essay, project, etc.

Unit 2: Communication in refrigeration and air-conditioning working environment

LEARNING		PERFORMANCE CRITERIA	Evi		ce			ideı		
OBJECTIVE (LO)			Typ	pe			Re	f. Pa	age N	No.
The learner will:	arner will: The learner can:									
LO 1:	1.1	Use verbal means of communication.								
UNDESTAND THE USE										
OF NON COMPLEX	1.2	Apply non-verbal means of								
COMMUNICATION		communication								
SYSTEM IN A WORK	1.3	Explain the use of simple verbal means to								
ENVIRONMENT	1.4	pass on necessary information				_				
	1.4	Explain the use non-verbal means to pass								
		on necessary information e.g. body language								
	1.5	Use symbols and signs appropriately								
	1.5	Ose symbols and signs appropriately								
LO 2:	2.1	Identify source of information in an								
IDENTIFY THE		organizational work environment.								
SOURCES OF	2.2	Distinguish how to relate with sources of				_				
INFORMATION IN A		information								
WORK	2.3	Use various information flow systems in								
ENVIRONMENT		work environment								
	2.4	Use information to avoid challenges in								
		work situations.								
	2.5	Explain findings in accordance to								
		procedure in work environment								
LO 3:	3.1	Identify various communications								
COMMUNICATE IN A		equipment in work environment.								
WORK	3.2	Use effectively various communications								
ENVIRONMENT		equipment in work environment.								
	3.3	Pass information effectively to right								
	3.4	personnel				-				
	3.4	Pass information effectively using symbols, signs and codes.								
	3.5	Obey instruction in line with ethics of								
	3.3	work environment								
		TO A CONTROLLED								
LO 4:	4.1	Identify job opportunities in refrigeration								
OUTLINE THE CAREER		and air-conditioning.								
OPPORTUNITIES IN	4.2	Outline the types of job specialties in								
REFRIGERATION AND		refrigeration and air-conditioning:								
AIR-CONDITIONING	4.3	Explain jobs specification of the following								
		specialties in refrigeration and air-								
		conditioning:								
		Sales Engineer.								
		Application Engineer. Administration Techniques								
		Maintenance Technician.								

LEARNING	PERFORMANCE CRITERIA	Evidence	Evidence
OBJECTIVE (LO)		Type	Ref. Page No.
The learner will:	The learner can:		
	 Sheet Metal Experts. 		
	 Installers. 		
	Oxy-acetylene Welding		
	expert.		
	Pipe Work expert		

Learners Signature:	Date:
Assessors Signature:	Date:
IQA Signature (if sampled)	Date:
EQA Signature (if sampled)	Date:

Additional information about the unit	
Unit aim(s)	This unit is to equip the learner to communicate effectively in the working environment.
Unit expiry date	Dec. 2021
Details of the relationship between the unit and relevant national occupational standards (if appropriate)	Construction Sector Refrigeration & Air-Conditioning
Details of the relationship between the unit and other standards or curricula (if appropriate)	
Assessment requirements specified by a sector or regulatory body (if appropriate)	
Endorsement of the unit by a sector or other appropriate body (if required)	

Location of the unit within the subject/sector classification system	Construction Sector
Name of the organisation submitting the unit	
Guided Learning Hours	30

National Vocational Qualification CONSTRUCTION SECTOR

LEVEL 1: REFRIGERATION AND AIR-CONDITIONING

Unit 3: Work safely in Refrigeration and Air-Conditioning Working Environment

Unit Reference Number: CON/RAC/003/1

NVQ Level: 1

Credit Value: 3

Guided Learning Hours: 30hrs

Unit Purpose: This unit is to equip the learner with the concept of Health and Safety in

refrigeration and air-conditioning in work environment.

Unit assessment requirements/evidence requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. *Simulation is not allowed* in this unit and level.

- 1. Direct Observation/oral questions (DO)
- 2. Question and Answer (QA)
- 3. Witness Testimony (WT)
- 4. Personal statement (PS) or Reflective Practice (RP)
- 5. Recognition of Prior Learning (RPL)
- 6. Other methods (Ot), assignments, case study, essay, project, etc.

Unit 3: Work Safely in Refrigeration and Air-Conditioning Working Environment

LEARNING OBJECTIVE (LO)		PERFORMANCE CRITERIA	Evidence Type	Evidence Ref. Page No.
The learner will:		The learner can:		
LO 1:	1.1	Identify health safety and risk relevant to		
DEVELOP THE		relevant to own occupation		
AWARENESS OF	1.2	Explain occupational health and safety		
OCCUPATIONAL		standards		
HEALTH ISSUES IN	1.3	Identify necessary equipment in		
REFRIGERATION AND		occupational health and safety		
AIR-CONDITIONING	1.4	Use occupational health and safety		
WORK		equipment		
ENVIRONMENT	1.5	Identify environmental hazards and risks		
		Explain environmental hazards and risks		
LO 2:	2.1	Identify tools and equipment in mitigating		
APPLY		environmental hazards		
ENVIRONMENTAL	2.2	Explain relevant safety rules in		
PROTECTION ISSUES		refrigeration and air-conditioning industry		
IN REFRIGERATION	2.3	Use environmental hazard mitigating tools		
AND AIR-		and equipment		
CONDITIONING	2.4	Identify risks for water, air and land		
ACTIVITIES.		pollution at workplace		
	2.5	Explain methods and possibilities to avoid		
		environmental pollution		
		Apply environmental protection methods		
		in work place		
LO 3:	3.1	Identify safety rules in workplace.		
DEMONSTRATE	3.2	Explain safety tags and symbols.		
KNOWLEDGE OF	3.3	Select personal protective equipment.		
PERSONAL SAFETY	3.4	Distinguish selected personal protective equipment.		
	3.5	Use appropriate personal protective equipment correctly		
	3.6	Maintain clean working surrounding/		
		environment		
LO 4:	4.1	Identify first aid materials and location		
APPLY THE	4.2	Select appropriate first aid materials for		
KNOWLEDGE OF		defined situations		
FIRST AID	4.3	Describe first aid procedures for defined		
		situations.		
	4.4	Service first aid materials at workplace.		
	4.5	Apply first aid methods for defined	_	
		situations		

Learners Signature:	Date:

Assessors Signature:	Date:
IQA Signature (if sampled)	Date:
EQA Signature (if sampled)	Date:

Additional information about the unit	
Unit aim(s)	This unit is to equip the learner with the concept of Health and Safety in refrigeration and air-conditioning in work environment.
Unit expiry date	Dec. 2021
Details of the relationship between the unit and relevant national occupational standards (if appropriate)	
Details of the relationship between the unit and other standards or curricula (if appropriate)	
Assessment requirements specified by a sector or regulatory body (if appropriate)	
Endorsement of the unit by a sector or other appropriate body (if required)	
Location of the unit within the subject/sector classification system	Construction Sector Refrigeration & Air-Conditioning
Name of the organisation submitting the unit	
Guided Learning Hours	30

National Vocational Qualification CONSTRUCTION SECTOR

LEVEL 1: REFRIGERATION AND AIR-CONDITIONING

Unit 4: Concept of Sheet Metal Works

Unit Reference Number: CON/RAC/004

NVQ/QCF Level: 1

Credit Value: 4

Guided Learning Hours: 40hrs

Unit Purpose: This unit is to equip the learner with the basic concept of

fabrication of Sheet Metal Work in refrigeration and air

conditioning system.

Unit assessment requirements/evidence requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. *Simulation is/or is not allowed* in this unit and level.

- Direct Observation/oral questions (DO)
- 2. Question and Answer (QA)
- 3. Witness Testimony (WT)
- 4. Personal statement (PS) or Reflective Practice (RP)
- 5. Work Product (WP)
- 6. Recognition of Prior Learning (RPL)
- 7. Other methods (Ot), assignments, case study, essay, project, etc.

UNIT 04: Concept of Sheet Metal Works

LEARNING OBJECTIVE (LO)		PERFORMANCE CRITERIA	Evi	ider pe	ice		idei f. Pa	ice age N	No.
The learner will:		The learner can:							
LO 1:	1.1	Identify types of measuring equipment.							
PERFORM MARKING	1.2	Identify types of marking out tools.							
OUT IN ALUMINUM	1.3	Describe procedure followed in							
SHEET METAL WORK		measurement and marking out							
	1.4	Carry out measurement and marking out of sheet metal							
LO 2: CARRY OUT BASIC	2.1	Identify tools and equipment for folding operations of sheet metals							
FOLDING OPERATION OF SHEET METALS.	2.2	State safety precautions associated with folding of sheet metals							
or street werkes.	2.3	Describe procedure followed in folding of sheet metals							
	2.4	Carry out folding of sheet metal							
LO 3: DEMONSTRATE THE	3.1	Identify tools used in cutting of sheet metals							
BASIC SETTING/	3.2	Explain safety precautions associated with							
HOLDING OF SHEET METAL TOGETHER		setting/holding of sheet metal together with pipe							
WITH THE PIPE	3.3	Describe procedure of riveting							
	3.4	Describe the procedure of cutting and folding							
	3.5	Mark out material							
	3.6	Cut material							
	3.7	Fold material to shape							
		·							
LO 4:	5.1	Recognise types of materials used for							
IDENTIFY MATERIALS		external body framework of refrigerator							
USED IN THE	5.2	Outline types of materials used as							
FABRICATION OF		insulator in refrigerator							
BODY FRAME WORK	5.3	Explain types of materials used for internal body framework of a refrigerator							

Learners Signature:	Date:
Assessors Signature:	Date:
IQA Signature (if sampled)	Date:

EQA Signature (if sampled)	Date:

Additional information about the unit	
Unit aim(s)	This unit is to equip the learner to understand and apply the concept of Sheet Metal Works.
Unit expiry date	Dec. 2021
Details of the relationship between the unit and relevant national occupational standards (if appropriate)	
Details of the relationship between the unit and other standards or curricula (if appropriate)	
Assessment requirements specified by a sector or regulatory body (if appropriate)	
Endorsement of the unit by a sector or other appropriate body (if required)	
Location of the unit within the subject/sector	Construction Sector Refrigeration & Air-Conditioning
Name of the organisation submitting the unit	
Guided Learning Hours	30

National Vocational Qualification

CONSTRUCTION SECTOR

LEVEL 1: REFRIGERATION AND AIR-CONDITIONING

Unit 5: Understand the concept of Evacuating and Charging

Unit Reference Number: CON/RAC/005/L1

NVQF Level: 1

Credit Value: 6

Guided Learning Hours: 60

Unit Purpose: Demonstrate the basic concept and practice of Evacuating

and Charging in refrigeration and air conditioning system.

Unit assessment requirements/evidence requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. *Simulation is not allowed* in this unit and level.

- 1. Direct Observation/oral questions (DO)
- 2. Question and Answer (QA)
- 3. Practical Assessment (PA)
- 4. Witness Testimony (WT)
- 5. Personal statement (PS) or Reflective Practice (RP)
- 6. Work Product (WP)
- 7. Recognition of Prior Learning (RPL)
- 8. Other methods (Ot), assignments, case study, essay, project, etc.

UNIT 05 Evacuating and Charging

LEARNING OBJECTIVE (LO)		PERFORMANCE CRITERIA	Evi Tyj	den pe	ice		iden f. Pa	ice ige N	lo.
The learner will:		The learner can:							
LO 1:	1.1	Explain safety precaution involved in							
DEMONSTRATE THE		evacuation of gas in refrigeration							
UNDERSTANDING OF	1.2	Explain safety precaution involved in							
SAFETY IN		charging of gas in refrigeration							
EVACUATION AND	1.3	Identify the safety protectives to be worn							
CHARGING OF		in evacuation and charging processes							
REFRIGERATION									
LO 2:	2.1	Identify tools and equipment for							
APPLY THE		evacuation of unwanted particles in							
KNOWLEDGE OF		refrigeration system							
TOOLS AND	2.2	Identify tools and equipment used in							
EQUIPMENT USED IN		charging refrigerator							
EVACUATION AND	2.3	Identify refrigerant types according to							
CHARGING.		codes							
LO 3:	3.1	Describe functions of vacuum pump							
DEMONSTRATE THE	3.2	Describe functions of a manifold gauge							
PROCESS OF	3.3	Describe correct setting of vacuum							
EVACUATION USING		process							
A VACUUM PUMP.	3.4	Perform evacuation process in							
		refrigerator							
LO 4:	4.1	Describe methods of selecting refrigerant							
DEMONSTRATE THE		for particular refrigerator							
PROCESS OF	4.2	State safety precautions associated with							
CHARGING A		charging of refrigerator							
REFRIGERATOR	4.3	Perform charging process in a refrigerator							

Learners Signature:	Date:
Assessors Signature:	Date:
IQA Signature (if sampled)	Date:
EQA Signature (if sampled)	Date:

Additional information about the unit	
Unit aim(s)	Understand the basic concept of Evacuating and Charging and also practically achieve the processes involved
Unit expiry date	Dec. 2021
Details of the relationship between the unit and relevant national occupational standards (if appropriate)	
Details of the relationship between the unit and other standards or curricula (if appropriate)	
Assessment requirements specified by a sector or regulatory body (if appropriate)	
Endorsement of the unit by a sector or other appropriate body (if required)	
Location of the unit within the subject/sector	Construction Sector Refrigeration & Air-Conditioning
Name of the organisation submitting the unit	
Guided Learning Hours	30

National Vocational Qualification

CONSTRUCTION SECTOR

LEVEL 1: REFRIGERATION AND AIR-CONDITIONING

Unit 6: Identify electrical faults, and repairs.

Unit Reference Number: CON/RAC/006/L1

NVQF Level: 1

Credit Value: 6

Guided Learning Hours: 60hrs

Unit Purpose: This unit is designed to equip the learner with the basic

concept of identifying electrical faults and also practically

achieving the processes involved in repairs.

Unit assessment requirements/evidence requirements:

Assessment must be carried out in real workplace environment in which learning and human development is carried out. *Simulation is not allowed* in this unit and level.

- 1. Direct Observation/oral questions (DO)
- 2. Question and Answer (QA)
- 3. Witness Testimony (WT)
- 4. Personal statement (PS) or Reflective Practice (RP)
- 5. Work Product (WP)
- 6. Recognition of Prior Learning (RPL)
- 7. Other methods (Ot), assignments, case study, essay, project, etc.

$UNIT\ 06:$ Checking electrical faults, and repairs.

LEARNING OBJECTIVE (LO)		PERFORMANCE CRITERIA	Evi Tyj	den pe	ice		den f. Pa	ice ige N	lo.
The learner will:		The learner can:							
LO 1:	1.1	Explain safety precaution involved in							
DEMONSTRATE THE	1.2	tracing electrical faults							
UNDERSTANDING OF SAFETY IN	1.2	Explain safety precaution involved in replacing / repairing faulty electric cord							
ELECTRICAL WORKS	1.3	Explain safety precaution involved in							
		replacing a faulty relay							
	1.4	Explain safety precaution involved in replacing a faulty capacitor							
		2,000 000 000 000							
LO 2:	2.1	Identify tools and equipment for electric current flow testing and voltage input.							
DEMONSTRATE THE	2.2	Identify tools and equipment used in							
KNOWLEDGE OF TOOLS AND	2.2	testing and repairing relays							
EQUIPMENT USED IN	2.3	Identify the materials used in mending electric cord wire							
ELECTRICAL WORKS	2.4	Identify the materials used in replacing a							
	2.4	faulty capacitor							
LO 3:	3.1	Check that compressor fan is running and							
CARRY OUT BASIC	2.2	compressor unit starting.							
TRUBLE SHOOTING OF ELECTRICAL FAULTS	3.2	Check for clicking sound in the unit, which signifies overheating.							
	3.3	Check if overload, start relay and							
	2.4	capacitor are ok.							
	3.4	Trace the electrical cord wire for damages and cut-offs.							
LO 4:	4.1	Describe methods of replacing or mending							
REPLACE SIMPLE		a faulty electric cord wire							
FAULTY ELECTRICAL	4.2	Remove a faulty capacitor and replace it							
PART.	4.2	with a functioning one.							
	4.3	Describe process involved in repairing an							
		overload relay and/ replacing with a new functioning one.							
	4.4	Run a test of the replaced / repaired							
		electrical part.							

Learners Signature:	Date:			
Assessors Signature:	Date:			
IQA Signature (if sampled)	Date:			

EQA Signature (if sampled)	Date:
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Additional information about the unit	
Unit aim(s)	This unit is to equip the learner with the basic concept of checking electrical faults and also practically achieving the processes involved in repairs
Unit expiry date	Dec. 2021
Details of the relationship between the unit and relevant national occupational standards (if appropriate)	Construction NOS
Details of the relationship between the unit and other standards or curricula (if appropriate)	
Assessment requirements specified by a sector or regulatory body (if appropriate)	
Endorsement of the unit by a sector or other appropriate body (if required)	
Location of the drift within the subject/sector	Construction Sector Refrigeration & Air-Conditioning
Name of the organisation submitting the unit	
Guided Learning Hours	30