

LEVEL 2

NLRD # 65449 NATIONAL CERTIFICATE AIR CONDITIONING AND REFRIGERATION 133

2-ARV-M01	Principles of air conditioning, refrigeration and ventilation	Thermodynamics	116236	Core	5
		Vapour compression	262177	Core	8
		Trade tools	116335	Core	8
		Arc welding	116245	Elective	4
2-ARV-M02	Identification and safe handling of refrigerants	Refrigerants and their uses	116334	Core	3
		Handle refrigerants	116355	Core	3
		Maintain refrigerant safety tools	116700	Core	9
2-ARV-M03-T01	Electrical principles relating to ARV systems	Electrical principles	116232	Core	4
2-ARV-M04	Identify and install piping for ARV systems	Identify materials	116230	Core	4
		Install piping	116229	Core	9
		Fixing methods	116234	Elective	6
2-ARV-M05	Identify mechanical components and perform cleaning activities related to ARV systems	Identify mechanical components	116233	Elective	6
		Cleaning	116238	Elective	4
3-ARV-M02	Electrical practice ARV systems	Sketch and construct electrical circuits	116244	Elective	9
		Install, connect and maintain electrical cables	116243	Elective	6
3-ARV-M07	Self-contained, externally powered transport and eutectic refrigeration systems	Install self-contained and externally powered transport refrigeration systems	9266	Elective	4
3-ARV-M08-T01	Marine refrigerated containers	Inspect and maintain marine refrigerated containers	261802	Elective	8
3-ARV-M09-T01	Safe handling of ammonia refrigerant	Safe handling of ammonia refrigerant	116704	Elective	9
2-G-M01-T01	Safety and quality induction	Safety in the workplace	116241	Core	7
		Behave in the proper manner under working conditions	116246	Elective	4
2-G-M01-T02	Life skills	Working and communicating with others	9322	Core	3
2-G-M04-T02	Working with materials and tools	Using tools	116239	Core	12
2-G-M05-T01	Learning tools and techniques	Learning and studying techniques	13202	Elective	
4-G-M01-T01	Workplace fundamentals	Safety in the workplace (oshact)	116223	Core	3
4-G-M05-T03	Communications and personal management	Personal management	244564	Elective	2