

SELF-ASSESSMENT GUIDE

Qualification:	RAC SERVICING (DomRAC) NC II	
Units of Competency covered:	<ul style="list-style-type: none"> • Install Domestic Refrigeration and Air - Conditioning (DomRAC) Units • Service and maintain domestic refrigeration and air-conditioning (DomRAC) units • Troubleshoot and repair domestic refrigeration and air-conditioning (DomRAC) systems 	
<p>Instructions:</p> <ul style="list-style-type: none"> • Read each of the questions in the left-hand column of the chart. • Place a tick in the appropriate box opposite each question to indicate your answer. 		
Can I?	YES	NO
<ul style="list-style-type: none"> • Assess site conditions and installation requirements according to manufacturer's specification and prevailing codes and ordinances* 		
<ul style="list-style-type: none"> • Determine tools, equipment and materials needed for installation according to site condition and site installation requirements 		
<ul style="list-style-type: none"> • Report survey result in accordance with enterprise policies and procedures 		
<ul style="list-style-type: none"> • Perform roughing-in activities in accordance with the PEC provisions 		
<ul style="list-style-type: none"> • Select electrical cabling and wiring devices of correct load carrying capacity and installs safely in line with manufacturer's instructions 		
<ul style="list-style-type: none"> • Install power wiring in accordance with applicable PEC provisions 		
<ul style="list-style-type: none"> • Test electrical circuits in accordance with applicable PEC provisions 		
<ul style="list-style-type: none"> • Prepare unit and equipment/components based on work procedures 		
<ul style="list-style-type: none"> • Install bracket, hangers and frames in accordance with manufacturer's recommendation and/or RAC Code of Practice 		
<ul style="list-style-type: none"> • Position and level unit in line with manufacturer's instructions and/or RAC Code of Practice 		
<ul style="list-style-type: none"> • install sealing materials to ensure an air tight seal around the unit in line with manufacturer's instructions and/or RAC Code of Practice 		

<ul style="list-style-type: none"> • install condensate drain in accordance with manufacturer's recommendation and/or RAC Code of Practice 		
<ul style="list-style-type: none"> • Employ safe manual handling techniques in line with enterprise OH&S procedures 		
<ul style="list-style-type: none"> • Exercise 5's in line with enterprise policy 		
<ul style="list-style-type: none"> • Measure voltage and current according to unit power requirements 		
<ul style="list-style-type: none"> • Measure Air temperature and velocity based on unit specifications 		
<ul style="list-style-type: none"> • Check sounds and vibration based on unit specifications 		
<ul style="list-style-type: none"> • Accomplish service report in line with enterprise policies and procedures. 		
<ul style="list-style-type: none"> • Identify and removes air filter following standard procedures 		
<ul style="list-style-type: none"> • Check filter for damage and replaces if required in line with SOPs 		
<ul style="list-style-type: none"> • Clean air filter using the correct tools and cleaning procedures 		
<ul style="list-style-type: none"> • Replace filter in accordance with filter specifications 		
<ul style="list-style-type: none"> • Select tools in dismantling the evaporator/ condensing unit as per standard operating procedures (SOPs) 		
<ul style="list-style-type: none"> • Use high pressure washer in cleaning evaporator/ condensing coil based on established procedures 		
<ul style="list-style-type: none"> • Straighten evaporator/condenser coil fins in accordance with service procedure 		
<ul style="list-style-type: none"> • Use cleaning agent or non-corrosive chemical in cleaning and maintaining evaporator/ condensing coil, fins and other body accessories as per standard operating procedures (SOPs) 		
<ul style="list-style-type: none"> • Maintain fan motor in line with manufacturer's instructions. 		
<ul style="list-style-type: none"> • Service and maintains fan blades and blower in line with manufacturer's instructions. 		
<ul style="list-style-type: none"> • Check and service fan motor terminals in line with manufacturer's instructions. 		

<ul style="list-style-type: none"> • Check and service fan motor mounting in line with manufacturer's instructions. 		
<ul style="list-style-type: none"> • Use proper instrument in checking power supply and diagnosing electrical control 		
<ul style="list-style-type: none"> • Repair and report loose connections/wirings in line with SOP 		
<ul style="list-style-type: none"> • Check plugs and outlets in line with SOP 		
<ul style="list-style-type: none"> • Check grounding in line with SOP 		
<ul style="list-style-type: none"> • Report all defects and problems encountered in line with enterprise policies and procedures. 		
<ul style="list-style-type: none"> • Report observation and recommendation properly in line with enterprise policies and procedures. 		
<ul style="list-style-type: none"> • Interpret appropriate wiring diagrams, charts and manuals in line with the job requirements 		
<ul style="list-style-type: none"> • Select appropriate materials, tools and equipment are based on job requirements 		
<ul style="list-style-type: none"> • Check power supply to ensure compliance with nameplate rating and/or manufacturer's specifications 		
<ul style="list-style-type: none"> • Select appropriate PPE and used in line with job requirements 		
<ul style="list-style-type: none"> • Test components following manufacturer's manual, RAC Code of Practice and/or enterprise troubleshooting policy 		
<ul style="list-style-type: none"> • Diagnose faults/problems with components are in line with manufacturer's manual, RAC Code of Practice and/or enterprise troubleshooting policy 		
<ul style="list-style-type: none"> • Take remedial action to overcome faults/problems in line manufacturer's manual, RAC Code of Practice and/or enterprise troubleshooting policy 		
<ul style="list-style-type: none"> • Complete work safely in line with workplace safety guidelines 		
<ul style="list-style-type: none"> • Complete report on testing procedure, including faults and minor repair, in line with manufacturer's manual, RAC Code of Practice and/or enterprise troubleshooting policy 		
<ul style="list-style-type: none"> • Observe safe working practices throughout the task as per enterprise procedure 		
<ul style="list-style-type: none"> • Select suitable tools and equipment and used based on job requirement 		

<ul style="list-style-type: none"> • Perform optimum recovery of refrigerant in line with RAC Code of Practice 		
<ul style="list-style-type: none"> • Perform refrigerants recovery/recycling according to manufacturer's recommendations and RAC Code of Practice 		
<ul style="list-style-type: none"> • Perform retrofitting based on RAC Code of Practice 		
<ul style="list-style-type: none"> • Test unit in line with troubleshooting procedures 		
<ul style="list-style-type: none"> • Prepare report on repair and testing of unit in line with enterprise procedures 		
Candidate's Name:	Date:	