SELF-ASSESSMENT GUIDE

<table>
<thead>
<tr>
<th>Qualification:</th>
<th>RAC SERVICING (DomRAC) NC II</th>
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| Units of Competency covered: | • 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 |

**Instructions:**
- 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.

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<tr>
<th>Can I?</th>
<th>YES</th>
<th>NO</th>
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<tbody>
<tr>
<td>• Assess site conditions and installation requirements according to manufacturer’s specification and prevailing codes and ordinances*</td>
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<tr>
<td>• Determine tools, equipment and materials needed for installation according to site condition and site installation requirements</td>
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<td>• Report survey result in accordance with enterprise policies and procedures</td>
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<td>• Perform roughing-in activities in accordance with the PEC provisions</td>
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<td>• Select electrical cabling and wiring devices of correct load carrying capacity and installs safely in line with manufacturer's instructions</td>
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<td>• Install power wiring in accordance with applicable PEC provisions</td>
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<tr>
<td>• Test electrical circuits in accordance with applicable PEC provisions</td>
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<tr>
<td>• Prepare unit and equipment/components based on work procedures</td>
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<tr>
<td>• Install bracket, hangers and frames in accordance with manufacturer’s recommendation and/or RAC Code of Practice</td>
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- Position and level unit in line with manufacturer's instructions and/or RAC Code of Practice

- Install sealing materials to ensure an air tight seal around the unit in line with manufacturer's instructions and/or RAC Code of Practice

- Install condensate drain in accordance with manufacturer's recommendation and/or RAC Code of Practice

- Employ safe manual handling techniques in line with enterprise OH&S procedures

- Exercise 5's in line with enterprise policy

- Measure voltage and current according to unit power requirements

- Measure Air temperature and velocity based on unit specifications

- Check sounds and vibration based on unit specifications

- Accomplish service report in line with enterprise policies and procedures.

- Identify and removes air filter following standard procedures

- Check filter for damage and replaces if required in line with SOPs

- Clean air filter using the correct tools and cleaning procedures

- Replace filter in accordance with filter specifications

- Select tools in dismantling the evaporator/condensing unit as per standard operating procedures (SOPs)

- Use high pressure washer in cleaning evaporator/condensing coil based on established procedures

- Straighten evaporator/condenser coil fins in accordance with service procedure

- 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)

- Maintain fan motor in line with manufacturer's instructions.
- Service and maintains fan blades and blower in line with manufacturer’s instructions.
- Check and service fan motor terminals in line with manufacturer’s instructions.
- Check and service fan motor mounting in line with manufacturer’s instructions.
- Use proper instrument in checking power supply and diagnosing electrical control.
- Repair and report loose connections/wirings in line with SOP.
- Check plugs and outlets in line with SOP.
- Check grounding in line with SOP.
- Report all defects and problems encountered in line with enterprise policies and procedures.
- Report observation and recommendation properly in line with enterprise policies and procedures.
- Interpret appropriate wiring diagrams, charts and manuals in line with the job requirements.
- Select appropriate materials, tools and equipment are based on job requirements.
- Check power supply to ensure compliance with nameplate rating and/or manufacturer’s specifications.
- Select appropriate PPE and used in line with job requirements.
- Test components following manufacturer’s manual, RAC Code of Practice and/or enterprise troubleshooting policy.
- Diagnose faults/problems with components are in line with manufacturer’s manual, RAC Code of Practice and/or enterprise troubleshooting policy.
- Take remedial action to overcome faults/problems in line manufacturer’s manual, RAC Code of Practice and/or enterprise troubleshooting policy.
- Complete work safely in line with workplace safety guidelines.
- 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.
- Observe safe working practices throughout the task as per enterprise procedure
- Select suitable tools and equipment and used based on job requirement
- Perform optimum recovery of refrigerant in line with RAC Code of Practice
- Perform refrigerants recovery/recycling according to manufacturer’s recommendations and RAC Code of Practice
- Perform retrofitting based on RAC Code of Practice
- Test unit in line with troubleshooting procedures
- Prepare report on repair and testing of unit in line with enterprise procedures

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<thead>
<tr>
<th>Candidate’s Name:</th>
<th>Date:</th>
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