

INTERNAL	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/>	ASSESSOR STAMP	RE-ASSESSOR STAMP IF RE-ASSESSED												
	ASSESSMENT & ASSESSOR DETAILS														
ASSESSMENT DATE:	<table border="1"> <tr> <td></td><td></td><td></td><td></td><td></td><td></td> </tr> <tr> <td colspan="2">DAY</td> <td colspan="2">MONTH</td> <td colspan="2">YEAR</td> </tr> </table>							DAY		MONTH		YEAR		RE-ASSESSOR NAME:	
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EXTERNAL	COMPETENT <input type="checkbox"/> NOT YET COMPETENT <input type="checkbox"/>	ASSESSOR STAMP	RE-ASSESSOR STAMP IF RE-ASSESSED												
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ASSESSMENT RESULTS SUMMARY FORM	
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PBTE OFFICE ONLY	1. DATE FORM RECEIVED:	2. DATE ENTERED INTO DATABASE:
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1

ASSESSMENT SUMMARY & RECORD

ACTIVITY	METHOD			DESIRED OUTCOMES	RESULT	
NATURE OF ACTIVITY	WRITTEN	ORAL	OBSERVATION	DESIRED OUTCOMES FOR SUCCESSFUL ASSESSMENT OF INSTALLING, TESTING AND REPAIRING ELECTRICAL SYSTEMS AND EQUIPMENT	COMPETENT	NOT YET COMPETENT
Practical skill demonstration			✓	<ol style="list-style-type: none"> 1. Apply safety precautions and guidelines in workplace. 2. Perform electrical connections of refrigeration and air-conditioning equipment's. 3. Test electrical components of HVACR systems. 4. Perform Pump down the system. 5. Perform leak detection. 6. Perform Vacuum. 7. Perform Gas Charging. 8. Test the system performance. 9. Install the accessories. 10. Trouble shooting. <ol style="list-style-type: none"> 1. Check the electrical companies on strict and parried Board. 2. Prepare and a flare joint. 3. Fault due to fealty relay. 4. Perform Pump down the system. 5. Check the leak in system. 6. Determine the terminals of compressor. 7. Adjust the air gap between rotar and stalior. 		
Knowledge Test	✓	✓		<ul style="list-style-type: none"> • Answer any questions your Assessor may have during the practical assessment • Answer questions during viva-voice 		

2

ASSESSMENT NOTES

GUIDANCE FOR CANDIDATES

To meet this standard you are required to:

- Install, Test and repair electrical systems and equipment
Your final assessment consist of four hour observation by an assessor of you Installing, Testing and repairing of electrical systems and equipment
You will:
- Read and interpret wiring layout to measure material quantities, calculate electrical load requirements and prepare requisition order
- Wire electrical circuit as detailed in wiring layout including use of PVC pipes, connect safely to mains supply, and test circuit for continuity, insulation and any short circuiting
- Install fixtures and accessories as required by wiring layout and retest as required.
- Diagnose any faults and rectify in accordance with standard procedures
- Safe work
- Correct tool, diagnostic instruments and test equipment selection and use
- Correct use of PPE

Your assessor will be looking for your competence in:

- Meeting wiring layout
 - Following correct sequence of wiring
 - Correct use of tools, equipment and measuring instruments to carried out electrical tasks
 - Working safely
- Answering any questions they may have for you

GUIDANCE FOR ASSESSORS

Assessors will need to be aware of industry policies and procedures applying to safe electrical operations for valid assessment of candidates's knowledge and performance.

Where model answers are provided for the Assessor, the candidate's response is not required to be identical, but similar concepts and/or keywords must be used. Oral questioning may be used to clarify candidate understanding of topic and its application.

3

CANDIDATE ASSESSMENT

CANDIDATE
NAME: _____

ALL WORK ASSESSED IN THIS COMPETENCY STANDARD MUST BE YOUR OWN WORK.

ACTIVITIES	CANDIDATE RESPONSE
1. Complete practical task of Installing, Testing and repairing electrical systems and equipment under observation by an assessor	<p>Your final assessment consist of four hour observation by an assessor of you Installing, Testing and repairing of electrical systems and equipment</p> <p>You will:</p> <ul style="list-style-type: none">• Read and interpret wiring layout to measure material quantities, calculate electrical load requirements and prepare requisition order• Wire electrical circuit as detailed in wiring layout including use of PVC pipes, connect safely to mains supply, and test circuit for continuity, insulation and any short circuiting• Install fixtures and accessories as required by wiring layout and retest as required.• Diagnose any faults and rectify in accordance with standard procedures• Safe work• Correct tool, diagnostic instruments and test equipment selection and use.• Correct use of PPE.• Supply completed requisition order. <p>Your assessor will be looking for your competence in:</p> <ul style="list-style-type: none">• Meeting wiring layout• Following correct sequence of wiring• Correct use of tools, equipment and measuring instruments to carried out electrical tasks• Working safely <p>Answering any questions they may have for you</p>
2. Answer any questions your Assessor may have during the practical assessment	

4

ASSESSOR JUDGEMENT GUIDE

ACTIVITIES	MINIMUM EVIDENCE REQUIRED	ASSESSOR COMMENTS
<p>1. Completes practical task of performing manicure and pedicure under observation by an assessor</p>	<p>During a practical assessment, under observation by an assessor, the candidate correctly carried out</p> <ul style="list-style-type: none"> • Read and interpret supplied wiring layout to measure material quantities, calculate electrical load requirements and prepare requisition order • Wire electrical circuit as detailed in wiring layout including use of PVC pipes, connect safely to mains supply, and test circuit for continuity, insulation and any short circuiting • Install fixtures and accessories as required by wiring layout and retest as required. • Diagnose any faults and rectify in accordance with standard procedures • Safe work • Correct tool, diagnostic instruments and test equipment selection and use. • Correct use of PPE. • Supply completed requisition order. <ul style="list-style-type: none"> ○ Supply order shall be signed by issuing officer. ○ PPEs must includes Insulating Boots, Halmet, Safety Gloves, Safety Belts. ○ Following the procedures of equipment manufacturere’s instruction manuals. ○ 	
<p>2. Answer any questions their Assessor may have during the practical assessment</p>	<p>Candidate’s answers to questions are correct and demonstrate understanding of the topics and their application:</p> <ul style="list-style-type: none"> ○ 	