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# SATELLITE DISH INSTALLER



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ASSESSMENT PACKAGE

National Vocational Certificate Level 3

Version 1 - October, 2019



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**Document Version**

October, 2019

**Islamabad, Pakistan**

# SATELLITE DISH INSTALLER



**ASSESSMENT PACKAGE**  
National Vocational Certificate Level 3

Version 1 - October, 2019

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	
<b>Competency Standards</b>	0619001085 Perform Tuning
<b>Assessment Task</b>	Tune the satellite dish receiver for channels in asiasat 3s

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Ensure power supply as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
2. Select display source (VGA, AV, HDMI, RF, Scart) as per input connection.	<input type="checkbox"/>	<input type="checkbox"/>
3. Open main menu of the receiver as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
4. Select installation mode as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
5. Select required satellite for non-revolving dish as per given instructions.	<input type="checkbox"/>	<input type="checkbox"/>
6. Select different satellites for revolving dish as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
7. Open antenna setting as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
8. Select LNB power on/off as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
9. Select C-band/Ku-band frequencies as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
10. Select Diseqc switch ports as per given task requirements.	<input type="checkbox"/>	<input type="checkbox"/>
11. Select tone/pulse switch as per specification.	<input type="checkbox"/>	<input type="checkbox"/>
12. Perform transponder scanning as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
13. Perform scanning mode (manual, auto, blind, super blind, pre-set) as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
14. Scan different satellites for revolving dish as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
15. Save all settings as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
16. Open channel setting as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
17. Open channels list as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
18. Perform setting options (Move, Delete, Rename, Favorite, Groups) as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
19. Save all settings as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature \_\_\_\_\_

Assessor's

Signature \_\_\_\_\_

Date: \_\_\_\_\_

## Instruction Sheet for the Candidate

Qualification	National Vocational Certificate level 1 to 4, in Electronics Sector (Satellite Dish Installer)
Competency Standard(s)	0619001085 Perform Tuning

Candidate Details	Name_____
	Registration/Roll Number_____
Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given timeframe (for practical demonstration &amp; assessment):</b></p> <p><b>1. Tune the satellite dish receiver for channels in paksat 1R.</b></p>
Time: 30 min	During a practical assessment, under observation by an assessor, you are required to <b><u>Tune the satellite dish receiver for channels in paksat 1R</u></b> demonstrating the following criteria:
Minimum Evidence Required	<ol style="list-style-type: none"> <li>1. Ensure power supply as per requirement.</li> <li>2. Select display source (VGA, AV, HDMI, RF, Scart) as per input connection.</li> <li>3. Open main menu of the receiver as per given task.</li> <li>4. Select installation mode as per given task.</li> <li>5. Select required satellite for non-revolving dish as per given instructions.</li> <li>6. Select different satellites for revolving dish as per given task.</li> <li>7. Open antenna setting as per requirement</li> <li>8. Select LNB power on/off as per requirement</li> <li>9. Select C-band/Ku-band frequencies as per requirement</li> <li>10. Select Diseqc switch ports as per given task requirements.</li> <li>11. Select tone/pulse switch as per specification.</li> <li>12. Perform transponder scanning as per requirement.</li> <li>13. Perform scanning mode (manual, auto, blind, super blind, pre-set) as per given task.</li> <li>14. Scan different satellites for revolving dish as per given task.</li> <li>15. Save all settings as per requirement</li> <li>16. Open channel setting as per requirement.</li> <li>17. Open channels list as per requirement.</li> <li>18. Perform setting options (Move, Delete, Rename, Favorite, Groups) as per requirement.</li> <li>19. Save all settings as per requirement.</li> </ol>

## Assessors Judgment Guide

<b>Qualification</b>	National Vocational Certificate level 1 to 4, in Electronics Sector (Satellite Dish Installer)
<b>Competency Standard(s)</b>	0619001085 Perform Tuning
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Signature: _____
<b>Assessment Outcome</b>	COMPETENT <input type="checkbox"/> <span style="margin-left: 200px;">NOT YETCOMPETENT <input type="checkbox"/></span> Name of the Assessor _____ Assessor's code: _____ Signature: _____

Assessment Summary (to be filled by the assessor)							
Activity	Method					Result	
	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Nature of Activity							
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

## Observation Checklist

Assessment Task	Tune the satellite dish receiver for channels in asiasat 3s		
During the practical assessment, candidate demonstrated the following:	Yes	No	Remarks
1. Ensured power supply as per requirement.			
2. Selected display source (VGA, AV, HDMI, RF, Scart) as per input connection.			
3. Opened main menu of the receiver as per given task.			
4. Selected installation mode as per given task.			
5. Selected required satellite for non-revolving dish as per given instructions.			
6. Selected different satellites for revolving dish as per given task.			
7. Opened antenna setting as per requirement			
8. Selected LNB power on/off as per requirement			
9. Selected C-band/Ku-band frequencies as per requirement			
10. Selected Diseqc switch ports as per given task requirements.			
11. Selected tone/pulse switch as per specification.			
12. Performed transponder scanning as per requirement.			
13. Performed scanning mode (manual, auto, blind, super blind, pre-set) as per given task.			
14. Scanned different satellites for revolving dish as per given task.			
15. Saved all settings as per requirement			
16. Opened channel setting as per requirement.			
17. Opened channels list as per requirement.			
18. Performed setting options (Move, Delete, Rename, Favorite, Groups) as per requirement.			
19. Saved all settings as per requirement.			
<b>Competent</b> <input type="checkbox"/>	<b>Not Yet Competent</b> <input type="checkbox"/>		

**Feedback to the Candidate**

Candidate's Signature \_\_\_\_\_

Assessor's Signature \_\_\_\_\_



## Knowledge Assessment

<b>Qualification</b>	National Vocational Certificate level 1 to 4, in Electronics Sector (Satellite Dish Installer)
<b>Competency Standard(s)</b>	0619001085 Perform Tuning
<b>Candidate Details</b>	Name: _____  Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<p style="text-align: center;">                     COMPETENT <input type="checkbox"/> <span style="margin-left: 150px;">NOT YETCOMPETENT</span> <input type="checkbox"/> </p> Name of the Assessor: _____ Assessor's code: _____  Signature of the Assessor: _____

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.

	Questions (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)	Satisfactory	Not Satisfactory
1.	Question		
	Candidate's response		
2.			
3.			
4.			
5.			

6.			
7.			
8.			

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	National Vocational Certificate level 1 to 4, in Electronics Sector (Satellite Dish Installer)
<b>Competency Standards</b>	0619001084 Mount Dish for Uplink / Downlink
<b>Assessment Task</b>	<b>Assemble and fix Satellite dish antenna as per drawing given in Annexure A</b>

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Identify tools and equipment required for satellite dish installation.	<input type="checkbox"/>	<input type="checkbox"/>
2. Mount dish on dish stand as per drawing.	<input type="checkbox"/>	<input type="checkbox"/>
3. Join one end of actuator with stand as per drawing.	<input type="checkbox"/>	<input type="checkbox"/>
4. Joint other end of actuator with dish as per drawing.	<input type="checkbox"/>	<input type="checkbox"/>
5. Identify East-West directions with compass.	<input type="checkbox"/>	<input type="checkbox"/>
6. Set arc direction for 0° to 90° for revolving dish with satellite finder.	<input type="checkbox"/>	<input type="checkbox"/>
7. Identify leveled place for foundation as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
8. Ensure obstruction-free around the foundation place in case of revolving dish as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
9. Place assembled dish antenna on the selected foundation as per drawing.	<input type="checkbox"/>	<input type="checkbox"/>
10. Fix base of the dish stand as per drawing.	<input type="checkbox"/>	<input type="checkbox"/>
11. Mount base of the dish stand with raw bolt as per drawing.	<input type="checkbox"/>	<input type="checkbox"/>
12. Locate pointing angles at different degrees for revolving dish.	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature \_\_\_\_\_  
Signature\_\_\_\_\_

Assessor's

Date: \_\_\_\_\_

## Instruction Sheet for the Candidate

Qualification	National Vocational Certificate level 1 to 4, in Electronics Sector (Satellite Dish Installer)
Competency Standard(s)	0619001084 Mount Dish for Uplink / Downlink

Candidate Details	Name _____ Registration/Roll Number _____
Guidance for Candidate	<b>To meet this standard you are required to complete the following within the 2Hrs (for practical demonstration &amp; assessment):</b>  <b>Assemble and fix Satellite dish antenna as per drawing given in Annexure A</b>
Time: 2 Hrs	During a practical assessment, under observation by an assessor, you are required to <b>Assemble and fix Satellite dish antenna as per drawing given in Annexure A</b> in 2Hrs demonstrating the following criteria:
Minimum Evidence Required	<ol style="list-style-type: none"> <li>1. Identify tools and equipment required for satellite dish installation.</li> <li>2. Mount dish on dish stand as per drawing.</li> <li>3. Join one end of actuator with stand as per drawing.</li> <li>4. Joint other end of actuator with dish as per drawing.</li> <li>5. Identify East-West directions with compass.</li> <li>6. Set arc direction for 0° to 90° for revolving dish with satellite finder.</li> <li>7. Identify leveled place for foundation as per requirement.</li> <li>8. Ensure obstruction-free around the foundation place in case of revolving dish as per given task.</li> <li>9. Place assembled dish antenna on the selected foundation as per drawing.</li> <li>10. Fix base of the dish stand as per drawing.</li> <li>11. Mount base of the dish stand with raw bolt as per drawing.</li> <li>12. Locate pointing angles at different degrees for revolving dish.</li> </ol>

## Assessors Judgment Guide

<b>Qualification</b>	National Vocational Certificate level 1 to 4, in Electronics Sector (Satellite Dish Installer)
<b>Competency Standard(s)</b>	0619001084 Mount Dish for Uplink / Downlink
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Signature: _____
<b>Assessment Outcome</b>	<b>COMPETENT</b> <input type="checkbox"/> <span style="margin-left: 200px;"><b>NOT YETCOMPETENT</b> <input type="checkbox"/></span> Name of the Assessor _____ Assessor's code: _____ Signature: _____

<b>Assessment Summary (to be filled by the assessor)</b>							
Activity	Method					Result	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

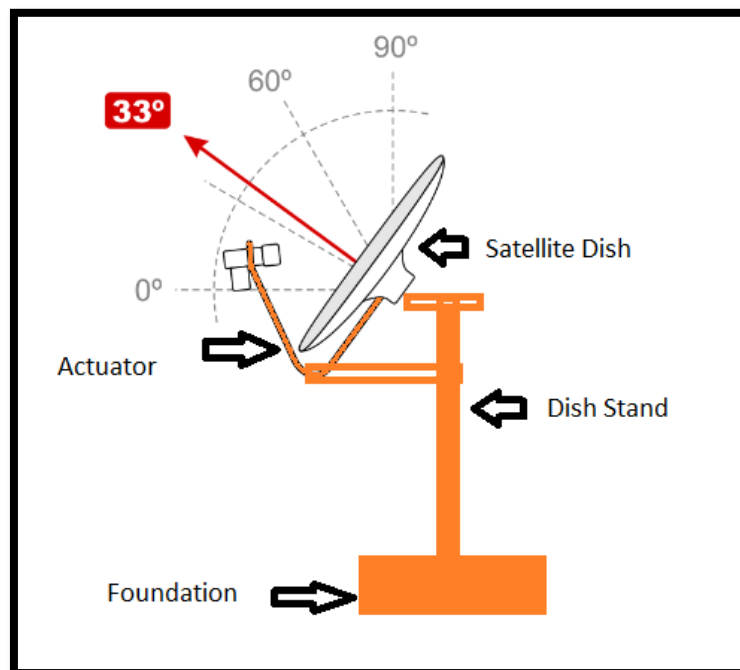
## Observation Checklist

Assessment Task	Assemble and fix Satellite dish antenna as per drawing given in Annexure A		
During the practical assessment, candidate demonstrated the following:	Yes	No	Remarks
1. Identify tools and equipment required for satellite dish installation.			
2. Mount dish on dish stand as per drawing.			
3. Join one end of actuator with stand as per drawing.			
4. Joint other end of actuator with dish as per drawing.			
5. Identify East-West directions with compass.			
6. Set arc direction for 0° to 90° for revolving dish with satellite finder.			
7. Identify leveled place for foundation as per requirement.			
8. Ensure obstruction-free around the foundation place in case of revolving dish as per given task.			
9. Place assembled dish antenna on the selected foundation as per drawing.			
10. Fix base of the dish stand as per drawing.			
11. Mount base of the dish stand with rawl bolt as per drawing.			
12. Locate pointing angles at different degrees for revolving dish.			
Competent <input type="checkbox"/>		Not Yet Competent <input type="checkbox"/>	

**Feedback to the Candidate**


Candidate's Signature \_\_\_\_\_ Assessor's  
Signature \_\_\_\_\_

## Annexure A



### Tools and Equipment

- Cable tester
- L-Key
- Electric Drill Machine
- Hammer
- Pliers
- Hack saw
- Drill bits
- Spirit level
- Satellite finder
- Compass
- Satellite Directional Chart
- Screw driver set
- Socket set



## Knowledge Assessment

<b>Qualification</b>	National Vocational Certificate level 1 to 4, in Electronics Sector  (Satellite Dish Installer)
<b>Competency Standard(s)</b>	0619001084 Mount Dish for Uplink / Downlink
<b>Candidate Details</b>	Name: _____  Registration/Roll Number: _____ Candidate Signature: _____
<b>Assessment Outcome</b>	<b>COMPETENT</b> <input type="checkbox"/> <b>NOT YETCOMPETENT</b> <input type="checkbox"/>  Name of the Assessor: _____ Assessor's code: _____  Signature of the Assessor: _____

<b>Questions</b> (Candidate confidently answered questions correctly and demonstrated understanding of the topics and their application)		<b>Satisfactory</b>	<b>Not Satisfactory</b>
1.	<i>Question</i>		
	<i>Candidate's response</i>		
2.			
3.			
4.			
5.			

6.			
7.			
8.			

## Self-Assessment Checklist

<b>Candidate Name</b>	
<b>Registration No.</b>	
<b>Qualification</b>	0619 ICT 007
<b>Competency Standards</b>	<ol style="list-style-type: none"> <li>1. Apply Work Health and Safety Practices (WHS)</li> <li>2. Identify and Implement Workplace Policy and Procedures</li> <li>3. Communicate at Workplace</li> <li>4. Perform Computer Application Skills</li> <li>5. Manage Personal Finances</li> <li>6. Mount Dish for Uplink / Downlink</li> <li>7. Perform Tuning.</li> </ol>
<b>Assessment Task</b>	<p>In order to mount a dish at a given location,</p> <ol style="list-style-type: none"> <li>1. Prepare a basic report detailing the following aspects of planning. <ul style="list-style-type: none"> <li>• Budget</li> <li>• Policies and Procedures for given workplace.</li> <li>• A spreadsheet of tools and components, reporting any missing or damaged components.</li> <li>• A basic cable layout sketched on a computer.</li> </ul> </li> <li>2. Demonstrate the use of PPEs for mounting a dish at a height. Mount the dish and tune a satellite receiver for a specified satellite.</li> </ol>

I can.....

<b>Performance Criteria</b>	<b>Yes</b>	<b>No</b>
1. Use personal protective equipment according to safe work practices	<input type="checkbox"/>	<input type="checkbox"/>
2. Raise WHS issues with relevant personnel	<input type="checkbox"/>	<input type="checkbox"/>
3. Identify the workplace policy & procedures	<input type="checkbox"/>	<input type="checkbox"/>
4. Implement the policy & procedures that reflects the organizations commitments	<input type="checkbox"/>	<input type="checkbox"/>
5. Communicate procedures to help implement workplace policy	<input type="checkbox"/>	<input type="checkbox"/>
6. Deal with clients/customers	<input type="checkbox"/>	<input type="checkbox"/>
7. Create workbook according to information requirements	<input type="checkbox"/>	<input type="checkbox"/>
8. Insert sheet according to information requirements	<input type="checkbox"/>	<input type="checkbox"/>
9. Enter basic formulae / functions using cell referencing when required	<input type="checkbox"/>	<input type="checkbox"/>
10. Use a range of common tools during spreadsheet development	<input type="checkbox"/>	<input type="checkbox"/>
11. Edit columns and rows within the spreadsheet Filter data	<input type="checkbox"/>	<input type="checkbox"/>
12. Save the spreadsheet to a folder on a storage device	<input type="checkbox"/>	<input type="checkbox"/>

13. Format spreadsheet using formatting features as required	<input type="checkbox"/>	<input type="checkbox"/>
14. Print spreadsheet	<input type="checkbox"/>	<input type="checkbox"/>
15. Perform graphic fundamentals in basic applications	<input type="checkbox"/>	<input type="checkbox"/>
16. Calculate current living expenses using available information to prepare a personal budget.	<input type="checkbox"/>	<input type="checkbox"/>
17. Identify tools and equipment as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
18. Mount dish on dish stand as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
19. Join one end of actuator with stand as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
20. Joint other end of actuator with dish as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
21. Ensure testing equipment as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
22. Ensure obstruction-free surrounding as per given task	<input type="checkbox"/>	<input type="checkbox"/>
23. Identify East-West directions with compass as per given task	<input type="checkbox"/>	<input type="checkbox"/>
24. Set arc direction for 0o, 90o, 180o for revolving dish with satellite finder as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
25. Adjust limit switches at 0o and 180o for revolving dish as per given task	<input type="checkbox"/>	<input type="checkbox"/>
26. Identify leveled place for foundation as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
27. Ensure obstruction-free around the foundation place in case of revolving dish as per given task	<input type="checkbox"/>	<input type="checkbox"/>
28. Make leveled place for foundation if required for given task.	<input type="checkbox"/>	<input type="checkbox"/>
29. Place assembled dish antenna on the selected foundation as per standard.	<input type="checkbox"/>	<input type="checkbox"/>
30. Place non-revolving dish antenna as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
31. Locate pointing angles at different degrees for revolving dish.	<input type="checkbox"/>	<input type="checkbox"/>
32. Mount base of the dish stand with rawl bolt as per standard.	<input type="checkbox"/>	<input type="checkbox"/>
33. Perform signal confirmation test as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
34. Ensure power supply as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
35. Select display source (VGA, AV, HDMI, RF, Scart) as per input connection.	<input type="checkbox"/>	<input type="checkbox"/>
36. Open main menu of the receiver as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
37. Select installation mode as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
38. Select required satellite for non-revolving dish as per given instructions.	<input type="checkbox"/>	<input type="checkbox"/>
39. Select different satellites for revolving dish as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
40. Open antenna setting as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
41. Select LNB power on/off as per requirement	<input type="checkbox"/>	<input type="checkbox"/>
42. Select C-band/Ku-band frequencies as per requirement	<input type="checkbox"/>	<input type="checkbox"/>

43. Select Diseqc switch ports as per given task requirements.	<input type="checkbox"/>	<input type="checkbox"/>
44. Select tone/pulse switch as per specification.	<input type="checkbox"/>	<input type="checkbox"/>
45. Perform transponder scanning as per requirement.	<input type="checkbox"/>	<input type="checkbox"/>
46. Perform scanning mode (manual, auto, blind, super blind, pre-set) as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
47. Scan different satellites for revolving dish as per given task.	<input type="checkbox"/>	<input type="checkbox"/>
48. Save all settings as per requirement	<input type="checkbox"/>	<input type="checkbox"/>

Candidate's Signature \_\_\_\_\_

Signature \_\_\_\_\_

Date: \_\_\_\_\_

Assessor's

## Instruction Sheet for the Candidate

Qualification	National Vocational Certificate level 3, in Electronics Sector(Satellite Dish Installer) 0619 ICT 007
Competency Standard(s)	<ol style="list-style-type: none"> <li>8. Apply Work Health and Safety Practices (WHS)</li> <li>9. Identify and Implement Workplace Policy and Procedures</li> <li>10. Communicate at Workplace</li> <li>11. Perform Computer Application Skills</li> <li>12. Manage Personal Finances</li> <li>13. Mount Dish for Uplink / Downlink</li> <li>14. Perform Tuning.</li> </ol>
Candidate Details	Name _____ Registration/Roll Number _____
Guidance for Candidate	<p><b>To meet this standard, you are required to complete the following within the given time frame (for practical demonstration &amp; assessment):</b></p> <p>In order to mount a dish at a given location,</p> <ol style="list-style-type: none"> <li>1. Prepare a basic report detailing the following aspects of planning.               <ul style="list-style-type: none"> <li>• Budget</li> <li>• Policies and Procedures for given workplace.</li> <li>• A spreadsheet of tools and components, reporting any missing or damaged components.</li> <li>• A basic cable layout sketched on a computer.</li> </ul> </li> <li>2. Demonstrate the use of PPEs for mounting a dish at a height. Mount the dish and tune a satellite receiver for a specified satellite.</li> </ol>
Time: 4 Hrs	During a practical assessment, under observation by an assessor, you are required to

<p>Minimum Evidence Required</p>	<p>mount a dish at a given remote location,</p> <ol style="list-style-type: none"> <li>1. Prepare a basic report detailing the following aspects of planning. <ul style="list-style-type: none"> <li>• Budget</li> <li>• Policies and Procedures for given workplace.</li> <li>• A spreadsheet of tools and components, reporting any missing or damaged components.</li> <li>• A basic cable layout sketched on a computer.</li> </ul> </li> <li>2. Demonstrate the use of PPEs for mounting a dish at a height. Mount the dish and tune a satellite receiver for a specified satellite.</li> </ol> <p>Demonstrating the following criteria:</p> <ol style="list-style-type: none"> <li>1. Use personal protective equipment according to safe work practices</li> <li>2. Raise WHS issues with relevant personnel</li> <li>3. Identify the workplace policy &amp; procedures</li> <li>4. Implement the policy &amp; procedures that reflects the organizations commitments</li> <li>5. Communicate procedures to help implement workplace policy</li> <li>6. Deal with clients/customers</li> <li>7. Create workbook according to information requirements</li> <li>8. Insert sheet according to information requirements</li> <li>9. Enter basic formulae / functions using cell referencing when required</li> <li>10. Use a range of common tools during spreadsheet development</li> <li>11. Edit columns and rows within the spreadsheet Filter data</li> <li>12. Save the spreadsheet to a folder on a storage device</li> <li>13. Format spreadsheet using formatting features as required</li> <li>14. Print spreadsheet</li> <li>15. Perform graphic fundamentals in basic applications</li> <li>16. Calculate current living expenses using available information to prepare a personal budget.</li> <li>17. Identify tools and equipment as per requirement.</li> <li>18. Mount dish on dish stand as per requirement.</li> <li>19. Join one end of actuator with stand as per requirement.</li> <li>20. Joint other end of actuator with dish as per given task.</li> <li>21. Ensure testing equipment as per requirement</li> <li>22. Ensure obstruction-free surrounding as per given task</li> <li>23. Identify East-West directions with compass as per given task</li> <li>24. Set arc direction for 0o, 90o, 180o for revolving dish with satellite finder as per given task.</li> <li>25. Adjust limit switches at 0o and 180o for revolving dish as per given task</li> <li>26. Identify leveled place for foundation as per requirement.</li> <li>27. Ensure obstruction-free around the foundation place in case of revolving dish as per given task</li> <li>28. Make leveled place for foundation if required for given task.</li> <li>29. Place assembled dish antenna on the selected foundation as per standard.</li> <li>30. Place non-revolving dish antenna as per requirement</li> </ol>
----------------------------------	---

- |  |   |
|--|---|
|  | <ol style="list-style-type: none"><li>31. Locate pointing angles at different degrees for revolving dish.</li><li>32. Mount base of the dish stand with rawl bolt as per standard.</li><li>33. Perform signal confirmation test as per given task.</li><li>34. Ensure power supply as per requirement.</li><li>35. Select display source (VGA, AV, HDMI, RF, Scart) as per input connection.</li><li>36. Open main menu of the receiver as per given task.</li><li>37. Select installation mode as per given task.</li><li>38. Select required satellite for non-revolving dish as per given instructions.</li><li>39. Select different satellites for revolving dish as per given task.</li><li>40. Open antenna setting as per requirement</li><li>41. Select LNB power on/off as per requirement</li><li>42. Select C-band/Ku-band frequencies as per requirement</li><li>43. Select Diseqc switch ports as per given task requirements.</li><li>44. Select tone/pulse switch as per specification.</li><li>45. Perform transponder scanning as per requirement.</li><li>46. Perform scanning mode (manual, auto, blind, super blind, pre-set) as per given task.</li><li>47. Scan different satellites for revolving dish as per given task.</li><li>48. Save all settings as per requirement</li></ol> |
|--|---|



## Assessors Judgment Guide

<b>Qualification</b>	National Vocational Certificate level 1 to 4, in Electronics Sector (Satellite Dish Installer)						
<b>Competency Standard(s)</b>	Implement Network Security						
<b>Candidate Details</b>	Name: _____ Registration/Roll Number: _____ Signature: _____						
<b>Assessment Outcome</b>	COMPETENT <input type="checkbox"/> <span style="margin-left: 200px;">NOT YETCOMPETENT</span> <input type="checkbox"/> Name of the Assessor _____ Assessor's code: _____ Signature: _____						
<b>Assessment Summary (to be filled by the assessor)</b>							
<b>Activity</b>	<b>Method</b>					<b>Result</b>	
Nature of Activity	Written	Oral	Observation	Portfolio	Role Play	Competent	Not Yet Competent
Practical Skill Demonstration			✓				
Knowledge Assessment		✓					
Other Requirement							

## Observation Checklist

<b>Assessment Task</b>	<p>In order to mount a dish at a given location,</p> <ol style="list-style-type: none"> <li>1. Prepare a basic report detailing the following aspects of planning. <ul style="list-style-type: none"> <li>• Budget</li> <li>• Policies and Procedures for given workplace.</li> <li>• A spreadsheet of tools and components, reporting any missing or damaged components.</li> <li>• A basic cable layout sketched on a computer.</li> </ul> </li> <li>2. Demonstrate the use of PPEs for mounting a dish at a height. Mount the dish and tune a satellite receiver for a specified satellite.</li> </ol>			
<b>During the practical assessment, candidate demonstrated the following:</b>		<b>Yes</b>	<b>No</b>	<b>Remarks</b>
1.	Use personal protective equipment according to safe work practices			
2.	Raise WHS issues with relevant personnel			
3.	Identify the workplace policy & procedures			
4.	Implement the policy & procedures that reflects the organizations commitments			
5.	Communicate procedures to help implement workplace policy			
6.	Deal with clients/customers			
7.	Create workbook according to information requirements			
8.	Insert sheet according to information requirements			
9.	Enter basic formulae / functions using cell referencing when required			
10.	Use a range of common tools during spreadsheet development			
11.	Edit columns and rows within the spreadsheet Filter data			
12.	Save the spreadsheet to a folder on a storage device			
13.	Format spreadsheet using formatting features as required			
14.	Print spreadsheet			
15.	Perform graphic fundamentals in basic applications			
16.	Calculate current living expenses using available information to prepare a personal budget.			
17.	Identify tools and equipment as per requirement.			
18.	Mount dish on dish stand as per requirement.			

19.	Join one end of actuator with stand as per requirement.			
20.	Joint other end of actuator with dish as per given task.			
21.	Ensure testing equipment as per requirement			
22.	Ensure obstruction-free surrounding as per given task			
23.	Identify East-West directions with compass as per given task			
24.	Set arc direction for 0o, 90o, 180o for revolving dish with satellite finder as per given task.			
25.	Adjust limit switches at 0o and 180o for revolving dish as per given task			
26.	Identify leveled place for foundation as per requirement.			
27.	Ensure obstruction-free around the foundation place in case of revolving dish as per given task			
28.	Make leveled place for foundation if required for given task.			
29.	Place assembled dish antenna on the selected foundation as per standard.			
30.	Place non-revolving dish antenna as per requirement			
31.	Locate pointing angles at different degrees for revolving dish.			
32.	Mount base of the dish stand with rawl bolt as per standard.			
33.	Perform signal confirmation test as per given task.			
34.	Ensure power supply as per requirement.			
35.	Select display source (VGA, AV, HDMI, RF, Scart) as per input connection.			
36.	Open main menu of the receiver as per given task.			
37.	Select installation mode as per given task.			
38.	Select required satellite for non-revolving dish as per given instructions.			
39.	Select different satellites for revolving dish as per given task.			
40.	Open antenna setting as per requirement			
41.	Select LNB power on/off as per requirement			
42.	Select C-band/Ku-band frequencies as per requirement			
43.	Select Diseqc switch ports as per given task requirements.			
44.	Select tone/pulse switch as per specification.			

45.	Perform transponder scanning as per requirement.			
46.	Perform scanning mode (manual, auto, blind, super blind, pre-set) as per given task.			
47.	Scan different satellites for revolving dish as per given task.			
48.	Save all settings as per requirement			
<b>Competent</b> <input type="checkbox"/>		<b>Not Yet Competent</b> <input type="checkbox"/>		

<b>Feedback to the Candidate</b>
Candidate's Signature _____ Assessor's Signature _____

Candidate's Signature \_\_\_\_\_ Assessor's  
Signature \_\_\_\_\_

