NATIONAL APPRENTICE AND INDUSTRIAL TRAINING AUTHORITY

Transformation of Apprenticeship to NVQ - Establishment Assesment Guide

Requirement of Tools , Equipment and others for

TELECOMMUNICATION TECHNICIAN

Competency Standards Code : I64S001.1

(Selected Package for Apprenticeship Mode)

Sourse : National Competency Standard

Name , Address of Estblishment & Contact Number

Date of Assessment : **District:**

NO	Tools,Equipments & Others	Requirment for the Units												Availability at Establishment (Yes/No)	Remarks
		1	3	4	5	6	7	8	9	10	11	12	13		
1	Air blowers										✓				
2	Allen keys								✓				✓		
3	Analog multimeter (AMM)	✓	✓	✓	✓	✓	✓								
4	Anchor bolts, hooks							✓							
5	Angle grinder/cutter							✓							
6	Basic fiber tools	✓	✓	✓	✓	✓	✓								
7	Bent nose pliers			✓											
8	Bolt cutters								✓				✓		
9	Cable blower machines								✓	✓					
10	Cable gripper										✓		✓		
11	Cable installation equipment (Flashing lights, trench guards, warning signs, safety cones, barricades, gasdetector)										✓				
12	Cable locators and pair tracers/identifiers	✓		✓									✓		
13	Cable pulley										✓				
14	Cable ratchet										✓				
15	Cable scanner												✓		
16	Cable tester									✓					

17	Cables										✓		✓		
18	Cables, miscellaneous parts.		✓	✓	✓	✓	✓								
19	Casings, cable ties, clips and retainers								✓	✓					
20	Chisel -wood and metal								✓				✓		
21	Clamps										✓		✓		
22	Cleaning liquid									✓					
23	Cleaver/cutter									✓					
24	clips							✓							
25	Closures										✓		✓		
26	Co-axial cable and twisted pair cable connectors								✓						
27	Co-axial cable, cat. 5or 6 multi pair cable connectors								✓						
28	Combination pliers			✓											
29	Conduits, cable ties, cable clips	✓	✓	✓	✓	✓	✓	✓							
30	Connectors and sockets	✓	✓	✓	✓	✓	✓			✓			✓		
31	Connectors, brackets, nails										✓		✓		
32	CPE equipment, cables, miscellaneous parts.	✓		✓											
33	Crew hooks, pig rings, hooks, riser pipes										✓		✓		
34	Crimping tool												✓		
35	Crimping tool (UTP coaxial twisted pairs, power cables) (UTP – unshield twisted pair Allen keys	✓	✓	✓	✓	✓	✓								
36	Digital multimeter (DMM)	✓	✓	✓	✓	✓	✓								
37	Drills /drill bits							✓							
38	Duct casing							✓							
39	Earth cable											✓			
40	Earth rod											✓			
41	Electrical -power drills, cordless drill,	✓	✓		✓	✓	✓								
42	Enclosure unit (mechanical, heat shrinkable)												✓		
43	Ethernet cable testers								✓						
44	Fiber Cables									✓					
45	Fibre inspection probe									✓					
46	Fibre slicing machine												✓		
47	Files (hand, flat, round, half round, square, triangular)								✓				✓		
48	Flat nose pliers			✓											
49	Fusion splicing machine with necessary tools for splicing									✓					
50	General mechanic’s tools							✓							

51	GPS/Compass						✓									
52	Hacksaw							✓								
53	Hammers (claw, ball Pein and technicians) hand rivet guns							✓	✓				✓			
54	Hammers, auger, scissor, drill, spanner, cable rod tensioner										✓					
55	Hand drills								✓				✓			
56	Hand or power (electrical or air) tools								✓			✓				
57	Hand rivet guns, Tinsnips and shears, Bolt cutters, Nibblers	✓	✓		✓	✓	✓		✓							
58	Hand tools									✓						
59	Hauling rope								✓							
60	Hot gun										✓					
61	Insulation tapes								✓	✓	✓		✓			
62	Jumpering tool	✓	✓		✓	✓	✓									
63	Knives (pocket, Stanley)												✓			
64	L angles							✓								
65	Ladders							✓								
66	Laptop/smart phones/ smart devices with related software/ applications	✓	✓		✓	✓	✓									
67	Leads											✓				
68	Level spirit/ laser level							✓								
69	Lint free tissues									✓						
70	Live fibre detector									✓						
71	Long nose pliers			✓												
72	Lugs/clamps											✓				
73	Manhole/handhole keys										✓					
74	Measuring tape							✓								
75	Mechanical splicer									✓						
76	Mid span tool									✓						
77	Multimeter								✓				✓			
78	Nibblers												✓			
79	Nut and bolts								✓	✓						
80	Oblique cutters			✓												
81	Optical connector cleaner									✓						
82	Optical light source	✓	✓		✓	✓	✓									
83	Optical power meter	✓		✓						✓						
84	Optical power source									✓						

85	Optical time domain reflectometer									✓			✓		
86	Optical Time Domain Reflector (OTDR)	✓	✓		✓	✓	✓								
87	Patch cord									✓					
88	Personal protection equipment									✓					
89	Pigtails									✓					
90	Poles							✓							
91	Polishing papers									✓					
92	Portable vice							✓							
93	PPE			✓			✓	✓	✓	✓	✓		✓		
94	Protection sleeves									✓					
95	PVC pipes							✓							
96	Rods								✓						
97	Roll plugs								✓	✓					
98	Rulers, measuring tape, Ladder, cable tester, cable cutters	✓	✓		✓	✓	✓								
99	SAT meter			✓											
100	Saws												✓		
101	Saws, cable tester, Crimping tools								✓						
102	Scissors								✓				✓		
103	Screwdrivers (flat, Phillips, posidrive), pliars, hammers, hand - cutters, hacksaw, ,terminating tools. Spanners (open end, ring and, shifters) chisels (wood and metal)	✓	✓		✓	✓	✓								
104	Shovels, saws, hammers, crowbar, standard closure unit										✓				
105	Side cutters			✓											
106	Sockets and accessories								✓						
107	Spanners (open end, ring and, shifters) screwdrivers (flat, Phillips, posidrive) sockets and accessories								✓				✓		
108	Splicing machine	✓	✓		✓	✓	✓								
109	Standard crimping tools, splicing tools spools, slippers, drums,hauling eyes, feeders check, jinker check, forklift, crane										✓				
110	Stationery	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
111	Steel brackets							✓							
112	Steel cutter								✓						
113	Stripper									✓					

114	Sub ducts								✓	✓					
115	Test telephone, broad band modem or router, splitter, ONT (optical network Termination)	✓													
116	Time Domain Reflectometer												✓		
117	Tinsnips and shears								✓				✓		
118	Transmission measuring set (TMS)												✓		
119	Trowel							✓							
120	Visible laser fault finder												✓		
121	Visual fault locator									✓					
122	Warning tapes											✓			
123	Waste disposal containers - drop sheets, sharps containers									✓					
124	Winches/ cable pullers								✓	✓					
125	Wire insertion tool	✓	✓		✓	✓	✓								
126	Work platforms								✓						
127	Wrenches (vice grips, multi grips, Stillsons, torque)	✓	✓		✓	✓	✓		✓				✓		

	Selected Qualification (Package)	**Units**

forwarded by:

Name of the Officer : ……
Designation : ……
Signature : ……
Date : ……
Official Stamp : ……

Recommended by:

Name of the Officer : ……
Designation : ……
Signature : ……
Date : ……
Official Stamp : ……

Certified by:

Name of the Officer : ……
Designation : ……
Signature : ……
Official Stamp : ……
Date : ……