



सत्यमेव जयते
MINISTRY OF SKILL DEVELOPMENT
& ENTREPRENEURSHIP
GOVERNMENT OF INDIA



Skill India
कौशल भारत - कुशल भारत

PMKVY
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PLACEMENT OPPORTUNITIES



JOB ROLE OVERVIEW

Outside Plant Fiber Installation Testing & Commissioning Supervisor (TEL/Q4107)

Role Description	OSP Installation, testing and commissioning supervisor is responsible for on-site optical fiber installation activities and is expected to adhere to the best practices for optical splicing, testing and safety compliances/measures on the field.
Version	1.0
NSQF Level	5
Minimum Educational Qualifications	12th or OFT (Optical Fiber Technician) QP certified with one-year experience.
Maximum Educational Qualifications	NA
Training (Suggested but not mandatory)	Nil
Minimum Job Entry Age	18 years
Experience	Nil for 12th 01-year for OFT (Optical Fiber Technician) Certified

Applicable National Occupational Standards (NOS)

- TEL/N4126:** Handling Fiber constructs, performance and selection criteria
- TEL/N4127:** Fiber connectorisation, splicing and first level checks
- TEL/N4128:** Outside plant cable installation procedures and practices
- TEL/N4129:** Preparing cables for termination and splicing
- TEL/N4130:** Outside plant fiber testing and troubleshooting
- TEL/N4131:** Work safety practices with fiber optics

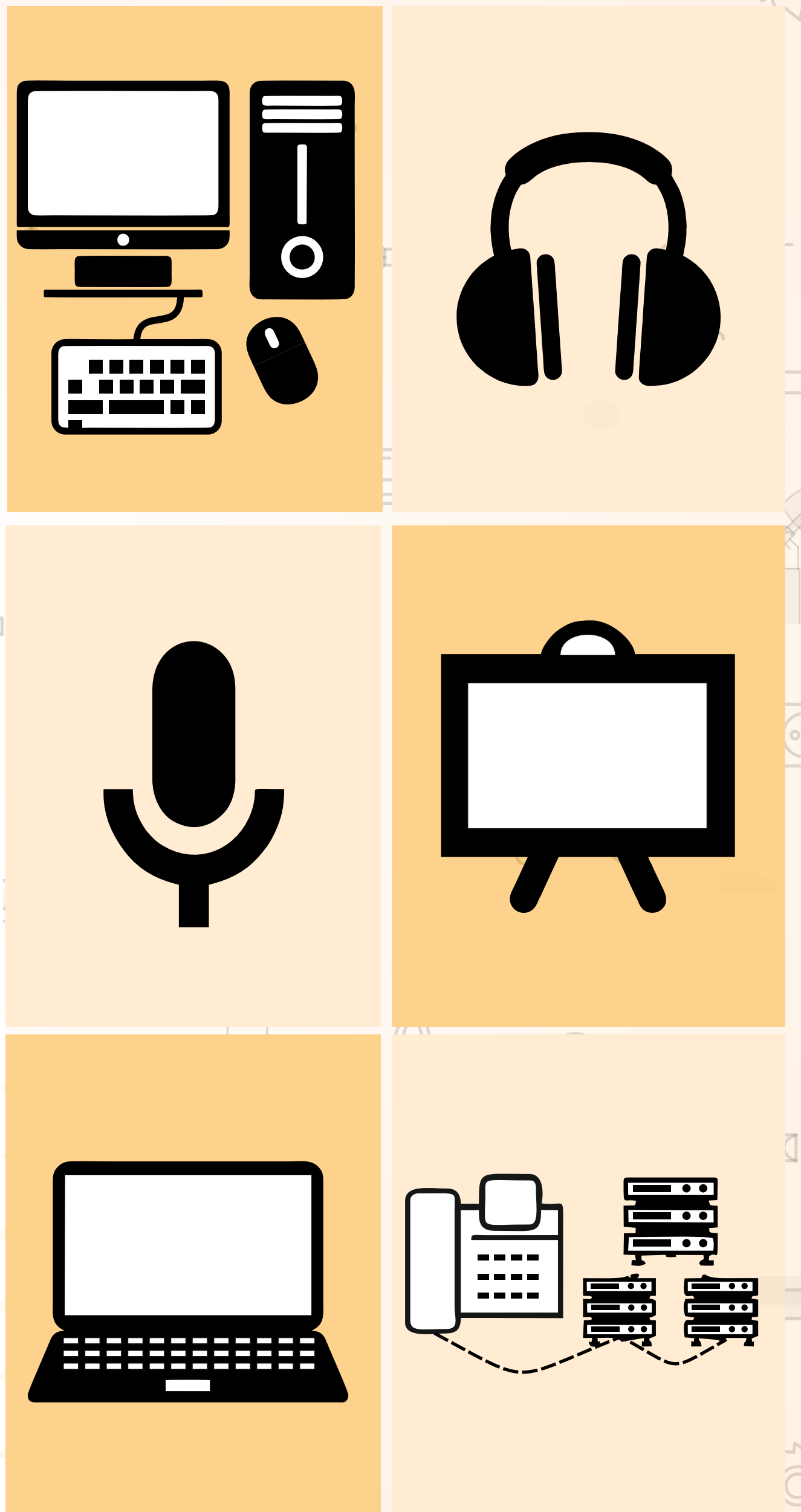
Assessment Guidelines

- Each performance criteria (PC) will be assigned Theory and Skill/Practical marks proportional to its importance in NOS.
- The Assessment for the theory part will be based on Knowledge bank of questions created by SSC.
- Assessment will be conducted for all compulsory NOS, and where applicable on the selected option NOS/ set of NOS.
- Individual assessment agencies will create unique question papers for theory and skill practical part for each candidate at each examination/ training centre.
- To pass the Qualification Pack, every trainee should score minimum 70% of aggregate marks to successfully clear the assessment.
- In case of unsuccessful completion, the trainee may seek re-assessment on the Qualification pack.

EQUIPMENT LIST

Outside Plant Fiber Installation Testing & Commissioning Supervisor (TEL/Q4107)

1.	Fiber Optic Power Meter	x200 mtr.
2.	Fiber optic Cables (Multi-tube single/double jacket, dielectric amroured fiber, uni-tube/multi-tube single/double jacket, ADSS fiber cable etc.)	x1
3.	Fiber Optic Test Source	x1
4.	OTDR	x5
5.	Cable Cutter	x5
6.	Cable Splitter	x5
7.	Cable Jacket Stripper	x5
8.	Connector Crimper	x5
9.	Fiber Optic Stripper	x5
10.	Tweezers	x5
11.	Cleaver	x2
12.	Fusion Splicer (Splicing machine)	x1
13.	Mechanical Splicer	x1
14.	Connectors	x5
15.	Splices	x5
16.	Slack brackets	x5
17.	Shaft	x5
18.	Safet+D20y Gear (Hand gloves, Eye protective glass)	x5
19.	Black/White Board & Marker	x1
20.	Projection System with PC/Laptop	x1



CAREER MAP FOR OUTSIDE PLANT FIBER INSTALLATION TESTING & COMMISSIONING SUPERVISOR

Passive Infra Planner - OSP

This role requires planning skills and structural design/ layout of the project.

NSQF - 5

Optical Fiber Technician/Fiber to the Home (FTTH/X) Installer

This role requires the individual to work in the field with the splicer team and perform fiber installation at customer premises.

NSQF - 3

NSQF - 4

Optical Fiber Splicer

This role requires the individual to work in the field and perform splicing of the fiber cable

Outside plant fiber installation, testing and commissioning Supervisor

This role requires on-site problem-solving skills and adhere to the process as defined by the organization.

NSQF - 6