



सत्यमेव जयते
 MINISTRY OF SKILL DEVELOPMENT
 & ENTREPRENEURSHIP
 GOVERNMENT OF INDIA



Skill India
 कौशल भारत - कुशल भारत

PMKVY
 PRADHAN MANTRI KAUSHAL VIKAS YOJANA

PLACEMENT OPPORTUNITIES





JOB ROLE OVERVIEW

Optical Fibre Splicer (TEL/Q6400)

Role Description

Optical fibre splicer is responsible for ensuring efficient splicing of the optical fibre cables and supports in optical fibre installation and in carrying out fibre testing using OTDR and power meter.

Version

1.0

NSQF Level

3

Minimum Educational Qualifications

Class VIII

Maximum Educational Qualifications

ITI/ Diploma/ Bachelor in Technology (any field)

Training

(Suggested but not mandatory)

1. Training on Soft Skills (mandatory for Class VIII to XII)
2. Technical training on standard splicing process for both underground and overhead cables, Interpreting the color coding to avoid cross fiber (mandatory for all)
3. Training on fibre testing using OTDR meter and power testing (mandatory for all)

Minimum Job Entry Age

14 years

Experience

NA

Applicable National Occupational Standards (NOS)

1. **TSC/N6400:** Undertake splicing of optical fiber)
2. **TSC/N6401:** Installation & Commissioning of Optical fiber cables (OFC)

Assessment Guidelines

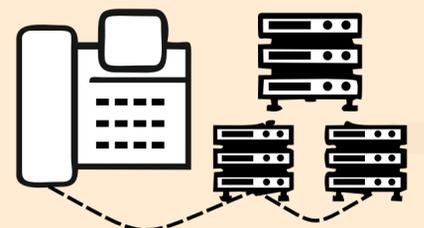
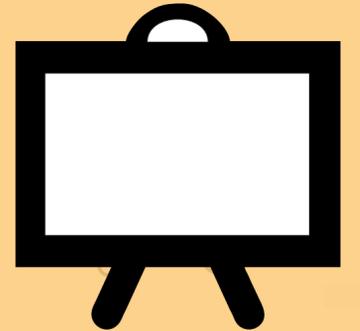
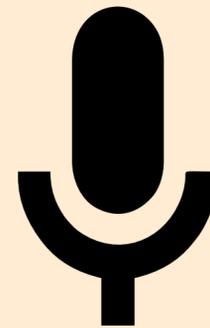
1. Each performance criteria (PC) will be assigned Theory and Skill/Practical marks proportional to its importance in NOS.
2. The Assessment for the theory part will be based on Knowledge bank of questions created by SSC.
3. Assessment will be conducted for all compulsory NOS, and where applicable on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



EQUIPMENT LIST

Optical Fibre Splicer (TEL/Q6400)

1.	Fiber Optic Power Meter	x1
2.	Fiber Optic Test Source	x1
3.	OTDR	x1
4.	Cable Cutter	x5
5.	Cable Splitter	x5
6.	Cable Jacket Stripper	x5
7.	Connector Crimper	x5
8.	Fiber Optic Stripper	x5
9.	Tweezers	x5
10.	Cleaver	x5
11.	Fusion Splicer (Splicing machine)	x2
12.	Mechanical Splicer	x4
13.	Connectors	x5
14.	Splices	x5
15.	Safety Gear (Hand gloves, Eye protective glass)	x5
16.	Black/White Board & Marker	x1
17.	Projection System with PC/Laptop	x1





CAREER MAP FOR OPTICAL FIBRE SPLICER

Passive Infra Planner - OSP

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

NSQF - 6



NSQF - 5

Outside plant fiber installation, testing and commissioning Supervisor



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.

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

NSQF - 3

NSQF - 4

Optical Fiber Splicer

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

