



Course: Optical Fiber Splicer

QP Reference ID	TEL/N6400, TEL/N6401	
Name of Training Provider	Aegis Knowledge Trust	
Total Duration of Training	In Days	30
	In Hours	140
Training Proportion	Theory (%)	30
	Practical (%)	70

Session Name / Subject/Topic	Session Learning Objectives	Methodology
Introduction to Optical Fiber	Principle Knowledge of OFC transport media and communication	power point presentation, video
	Optical fiber characteristics like refraction, polarization, attenuation, dispersion	power point presentation/AV
	bands in optical fiber and their usability, loss characteristics	power point presentation/AV
	signal strength and quality KPIs – design values and margins	power point presentation/AV
Technical Knowledge of tools and spares, equipment's	functionality of optical equipment's like cleaver, mechanical and fusion splicing kit, protection sleeves, fiber stripper, fiber reinforced plaster during splicing and jointing	power point presentation/ Video/ Demonstration
Technical Knowledge of tools and spares, equipment	Functionality of optical test equipment's like OTDR and power meter	power point presentation/Video/ Demonstration
	Optimal values of OTDR, Power meter and light meter test results	power point presentation/Video
	Different types of OFC connectors based on the type of equipment	power point presentation/Video/ Demonstration

Knowledge of the company organization and its processes	Knowledge and Understanding of organization and its processes	Power point presentation
Spare Management	Knowledge of spare management and repair & return process for faulty equipment's	
Company process	Following defined process and Procedures of working	Power point presentation and guide/manual
Escalation Matrix	Escalation Matrix for troubles and emergencies	Power point presentation and guide/manual
Documentation	Types of documentation in organization and importance of the same	Power point presentation and guide/manual
	Records to be maintained and implications of non-maintenance of the same	Power point presentation and guide/manual
Guidelines	SHE and OHS guidelines and regulations as per company's norms	Power point presentation and guide/manual
Protection	Knowledge of personal protection equipment's like helmets, knee pads, safety boots, safety glasses and trench guards	Power point presentation, video, Exercise
First Aid	Knowledge and understanding of first aid to be used during any common injuries and hazards	Power point presentation, video
Precautionary Measures	Electrical and chemical, environmental elated hazards and precautionary measures	Power point presentation, video
Safety	Knowledge and understanding of using fire safety equipment's	Power point presentation and guide/manual & AV