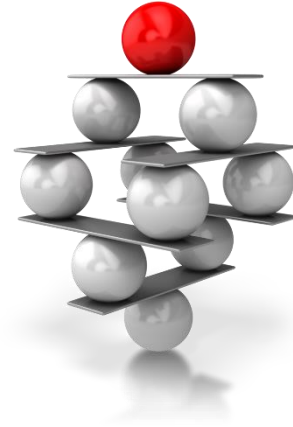


Spectra Technology Company

**Fiber Optic
Experts**

CONTENTS

- Introduction
- Spectra Growth
- Vision, Mission and core Value
- Organization Structures and Management
- Standards, Memberships & Quality Certificates
- Products
- Project Customers
- Technology Partners
- Factory Facility
- Legal Documents

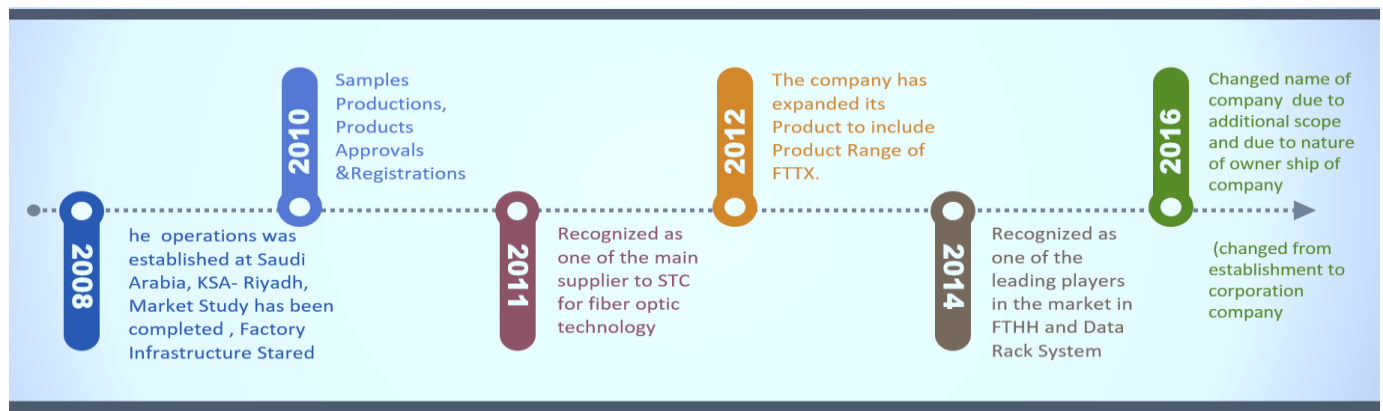


Introduction

Spectra TE is one of the most popular providers of Data Cabinets, Fiber Optic Patch cored, electrical product, FTTH products and solutions for one stop services optical communication networks. Our Products are widely used by telecommunications and cable service providers to deploy advanced networks for video, voice and other data services with high data transmission rates from 100Mbps to 10Gbps and low_ costs passive products.

- Spectra TE started business in 2008
- In 2016 the Factory name was changed to Spectra TE, for Communication and Energy Technologies.
- Spectra TE was built by dedicated professionals formerly from Global Telecom and by successful investors. The specialists have extensive experiences in telecommunications, Fiber Optics, racks, Energy and electrical engineering design & installations.
- Partners with the industry's leading brands and vendors.
- Provide highest quality of service to ensure successful and timely completion of the product.
- Spectra TE located in SOLAY industrial area RIYADH K.S.A; on a 6,000 square meter state-of-the-art facility that includes fully automated CNC machines, a powder coating line, and a fiber assembly line.
- Spectra TE is currently capable of producing all passive components related to the OSP and FTT(x) networks, all type of 19-inch rack system and electrical products such as but not limited to electrical panels and Main distribution boxes.

Spectra Growth



Our Vision

To become the most trusted manufacturer, and service provider of fiber optic/copper cabling (IT cabling) and IT/Power cabinets within KSA and & MENA market through the ability to customize quality product

How to achieve our Vision?

- Assign a Professional experts staff.
- Implement all required Machines & instruments.
- Creating Research and Developing Team.
- Set a strategic plan

Mission Statement

“To expand our operations by Consistently meeting customers’ expectations, and our legal requirements, which includes the enhancement of customer satisfaction through the effective application of our processes for continual improvement. “

CORE VALUES



Organization Structures and Managements

Our Team

At Spectra TE we are proud of our team. The core of the team has been in the IT and networking industry for many, many years (probably too many!). As well as general networking and infrastructure knowledge we have specialists in fiber and data center solutions, wireless networking and AV/digital signage technologies. The biggest department in our organization is the engineering team, which tells you a lot about what's important to Spectra TE - superb technical services to ensure our customers always get the best, fully supported solution.

Management Principles:

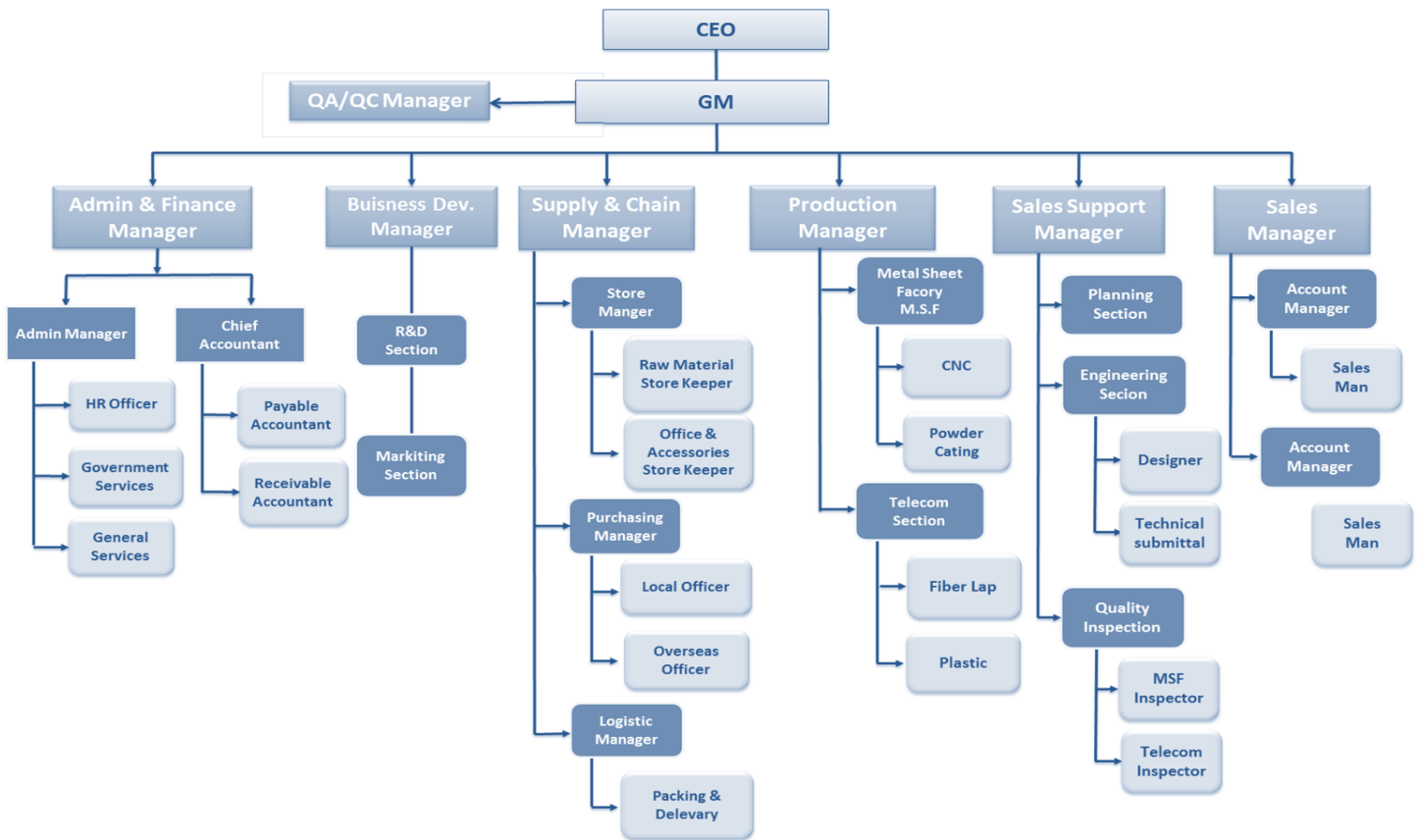
- 1) Serving the nation through a commitment to industrial development under the motto " Quality first, credit above all & quote;.
- 2) Research and development through the integration of industry and education.
- 3) Regarding the company as our home and school.
- 4) Autonomy of industry through the integration of management and labor.
- 5) Creating profits to share with our customers.

Management Goals:

We are committed to the development, integration and service of telecommunication and network systems. In this way, we can aid in the realization of phone, data, and video system integration.

Management Activities

We strongly believe that our growth and development will be achieved through implementing various management activities, following management strategies and striding towards our goals. In order to obtain a consensus among our colleagues with regard to management goals, policies and strategies, as well as to cultivate confidence in the company, management meetings are held periodically. These meetings enable communication to flow freely, both vertically and horizontally within the organization. Thus, greater mutual understanding and trust are created among all colleagues.



Management Principles:

- 1) Serving the nation through a commitment to industrial development under the motto "Quality first, credit above all & quote;
- 2) Research and development through the integration of industry and education.
- 3) Regarding the company as our home and school.
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Management Goals: We are committed to the development, integration and service of telecommunication and network systems. In this way, we can aid in the realization of phone, data, and video system integration.

Standards, Memberships & Quality Certificates

Member of FTTH Council



FOA (Fiber Optic Association) Certified



Compliance with ITU-T standards



Product Approved By

STC Type Approval for all FTTH Products.



ITC Type Approval for all FTTH Products



MOBILY Type Approval for Limited FTTH Products



ATHEEB(GO)



Quality Certificate

Spectra TE is at the forefront of Quality Management System, Health and Safety Management System and Environmental Management System. The company is certified to ISO 9001:2008, BS OHSAS 18001:2007 and ISO 14001:2004 by Quality UKAS and IAF Management System.

Quality Policy – Spectra TE is committed to strive for constant improvement and the achievement of World's Best Practices in all aspects of our business. Every Employee is responsible to ensure a total quality outcome for their process.

Health and Safety Policy – Spectra TE conducts its business in a manner that respects and cares for the health and safety of all who play a part in our operations or lives in the community in which we operate. We comply with the legal laws and in accordance with internationally recognized standards. Our goal is to eliminate all injuries, occupational illnesses and unsafe practices in all that we do.

Environmental Policy - Spectra TE recognizes that a responsible approach to environmental issues affected by our business is essential to our people, our customers and society. We believe in a continual improvement philosophy towards enhancing our activities, to minimize pollution and waste conserve natural resources, and reduce any potentially



PRODUCTS

Spectra TE Product List



- 1- FIBER OPTIC PRODUCTS
- 2- FTTH PASSIVE COMPONENTS
- 3- DATA AND RACK CABINET SYSTEM
- 4- ELECTRICAL AND POWER PRODUCTS



FIBER OPTIC PRODUCTS

**FIBER OPTIC INTERCONNECTION
DEVICE**

**Fiber Optic Patch
Cables**

Fiber Optic Patch Cord Cables

LC Fiber Patch Cord Cables

FC Fiber Patch Cord Cables

SC Fiber Patch Cord Cables

ST Fiber Patch Cord Cables

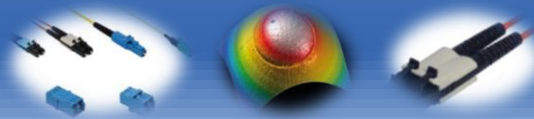
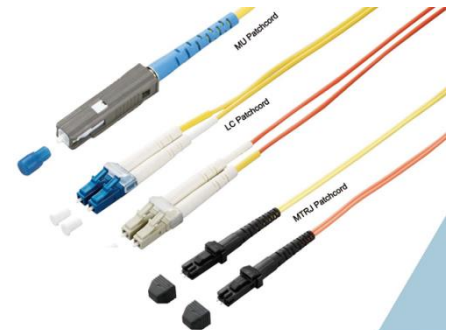
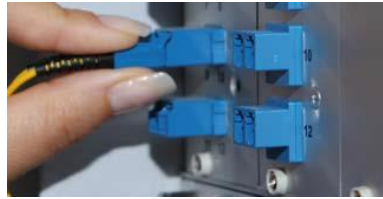
Fiber Optic Pigtail Cables

LC Fiber Pigtail Cables

FC Fiber Pigtail Cables

SC Fiber Pigtail Cables

ST Fiber Pigtail Cables



To see all fiber optic Products such as patch cords, Pigtails, connectors and Adapters Please Refer to Product Catalog Number

SP-TE-FOCP-201600001

FIBER OPTIC PASSIVE
COMPONENTTermination, Distributions and
Splitting BOX'S

Fiber Termination Box (FTB), Outdoor 4 fiber
 Fiber Termination Box (FTB), Outdoor 24 fiber
 Fiber Termination Box (FTB), Outdoor 2-4 fiber
 Optical Distribution Box , Outdoor / indoor ODB 12
 Optical Distribution Box , Outdoor / indoor ODB 24
 Optical Distribution Box , Outdoor / indoor ODB 36
 Optical Distribution Box , Outdoor / indoor ODB 48
 Optical Distribution Box , Outdoor / indoor ODB 96
 Optical Splitter Box , Indoor (1: 16 Splitters)
 Optical Splitter Box , Indoor (1: 32 Splitters)
 Optical Splitter Box , Indoor (2x1: 32 Splitters)
 Distributions Frame (FDF SYSTEM)
 Metric(ETSI) RACK , Fiber Management Frame
 Metric(ETSI) RACK , Fiber Management Frame
 Optical Distribution Frame ODF 24 fiber
 Optical Distribution Frame ODF 48 fiber
 Optical Distribution Frame ODF 72 fiber
 Optical Distribution Frame ODF 96 fiber
 Optical Distribution Frame ODF 144 fiber
 Optical Splitter Frame, OSF 8X 1:2
 Optical Splitter Frame, OSF 16X1:2
 Optical Splitter Frame, OSF 1X 1:32
 Optical Splitter Frame, OSF 1X 2:32
 Patch Panel

FTTH PRODUCTS



To see all fiber optic Products such as ODF, OSF, ODB, FTB, FDT Please
 Refer to Product Catalog Number

SP-TE-FTTH-201600002

DATA CABINET AND RACK SYSTEM

WALL MOUNT
CABINETSWall mount 500 & 600 Series

6U:600 x 500 & 600 x 600 (W.D)
 9U:600 x 500 & 600 x 600 (W.D)
 12U:600 x 500 & 600 x 600 (W.D)
 15U:600 x 500 & 600 x 600 (W.D)
 18U:600 x 500 & 600 x 600 (W.D)
 21U:600 x 500 (W.D)

Floor Standing Cabinets - 600 Series

12 U : 600 x 600 (W.D)
 15 U : 600 x 600 (W.D)
 22 U : 600 x 600 & 600 x 800 (W.D)
 27 U : 600 x 600 & 600 x 800 & 600 x 1000 (W.D)
 39 U : 600 x 600 & 600 x 800 & 600 x 1000 (W.D)
 42 U : 600 x 600 & 600 x 800 & 600 x 1000 (W.D)
 47 U : 600 x 600 & 600 x 800 & 600 x 1000 (W.D)

STANDFREE CABINETS

Floor Standing Cabinets - 800 Series

22 U : 800 x 600 & 800 x 800 (W.D)
 27 U : 800 x 600 & 800 x 800 & 800 x 1000 (W.D)
 39 U : 800 x 600 & 800 x 800 & 800 x 1000 (W.D)
 42 U : 800 x 600 & 800 x 800 & 800 x 1000 (W.D)
 47 U : 800 x 600 & 800 x 800 & 800 x 1000 (W.D)

OPEN
RACKS

42 U , 19"
 47 U , 19"

ETSI RACK
STANDARD
19"

42 U : 2200 x 650 x 300 : 19" Mounting
 42 U : 2200 x 650 x 300 : 21" Mounting



To see all fiber optic Products such as wall mount 15" U, Free stand 42" U,
 Open Rack Please Refer to Product Catalog Number

SP-TE-DARS-201600004

PARTNERS



PROJECTS & CLIENTS



Spectra Quality Service Elements

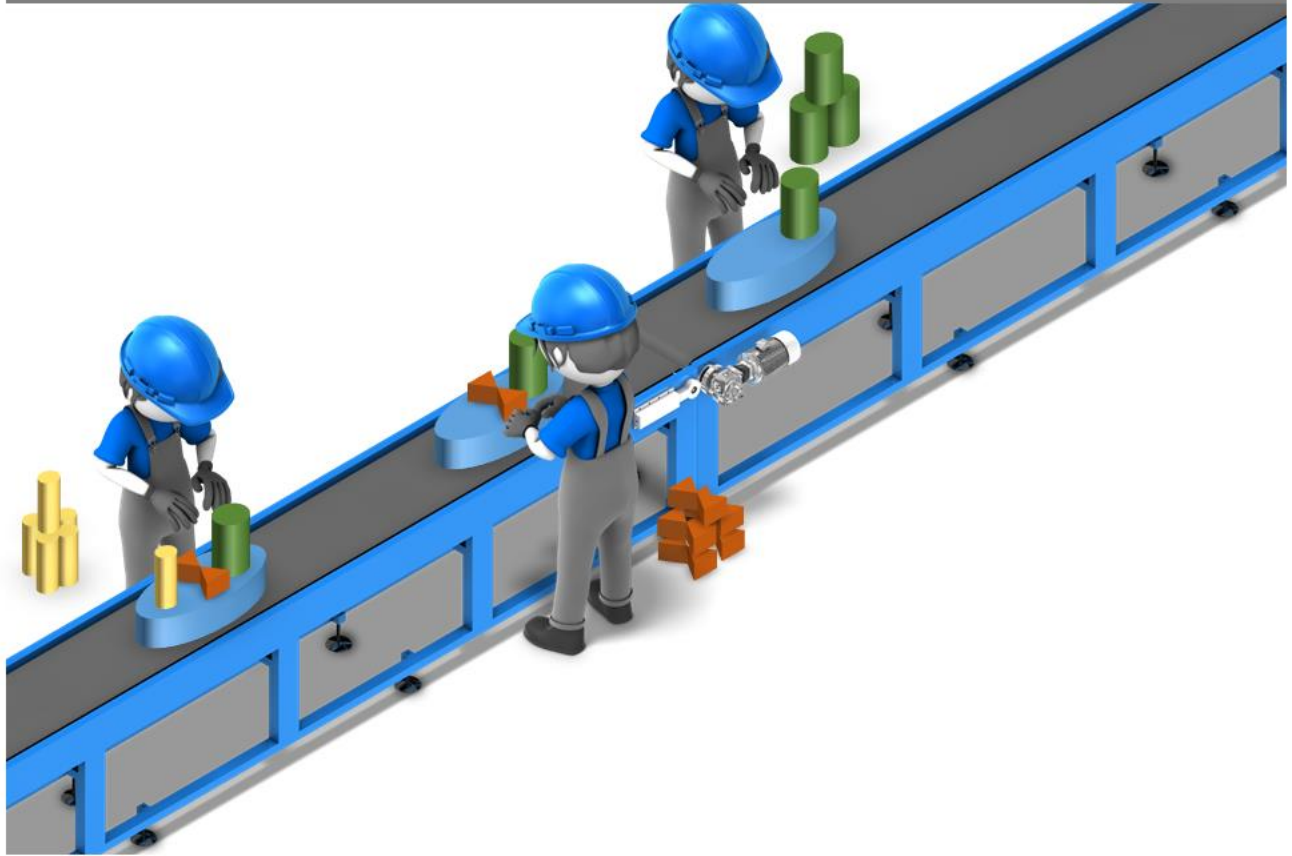


SPECTRA FACTORY FACILITIES

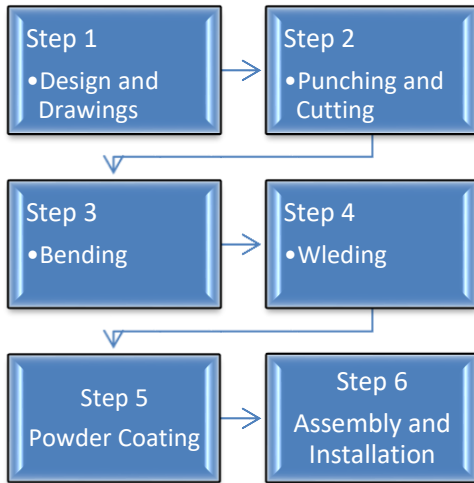
Spectra Factory can be classified to 3 main parts

- 1- Metals sheet and fabrication section
- 2- Powder Coating section
- 3- Fiber Optic Lab assembly and Training section

PRODUCTION



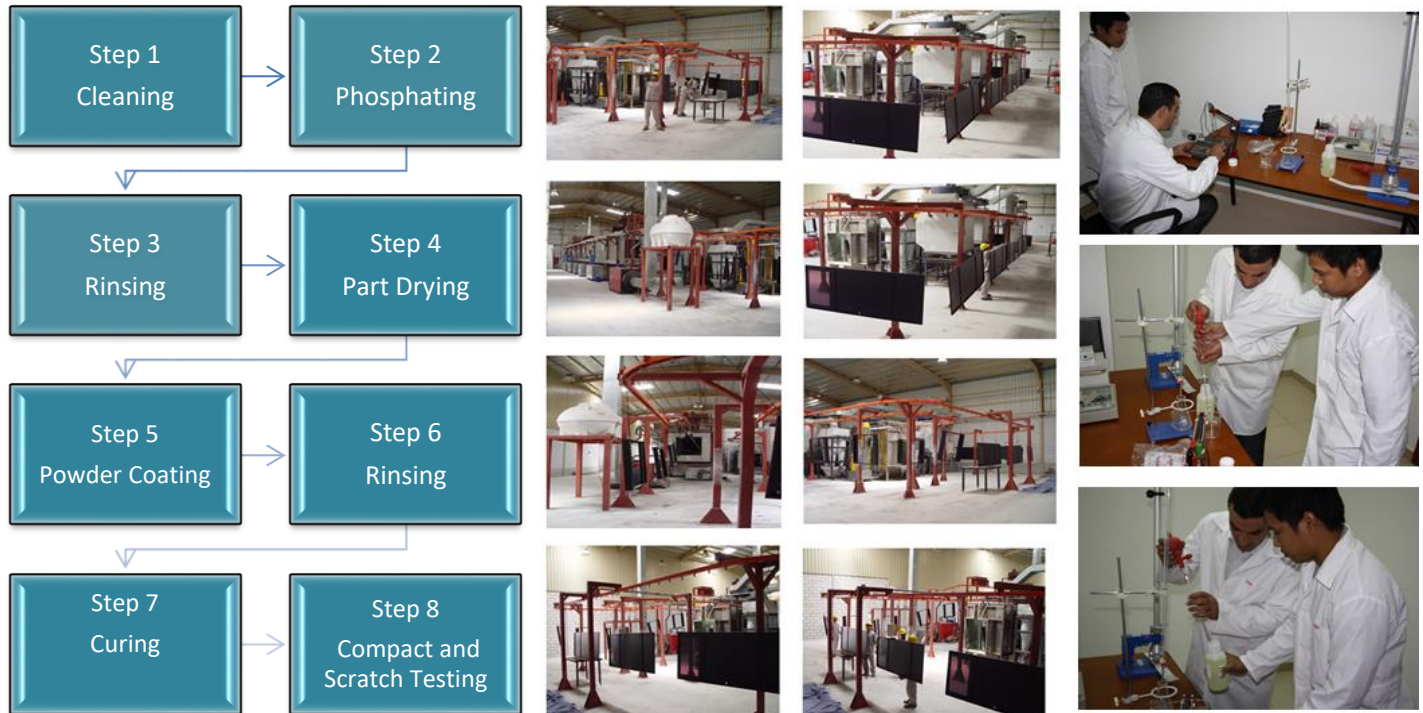
Metals sheet and Fabrication Section



Metal sheet Staff	
Production Manager	1
Production Supervisor	2
Designer	2
Auto Cad Operators	3
Punching Machine Operators	2
Bending Machine Operators	4
Welders	6
Powder Coating Technicians	8
Assembly Works	12
TOTAL	40

Main Machine List	
Punching Machine	2
Bending Machine	4
Sharing Machine	1
Welding Machine Different Type	8
Powder Coating Line	1
Assembly tools set	12
TOTAL	28

Powder Coating Line Section



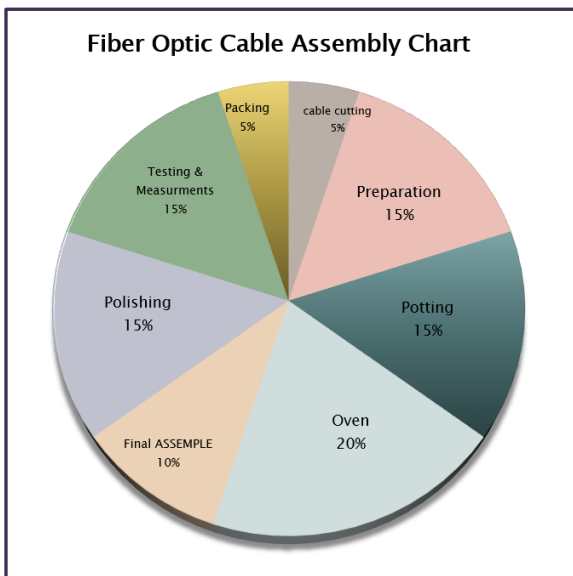
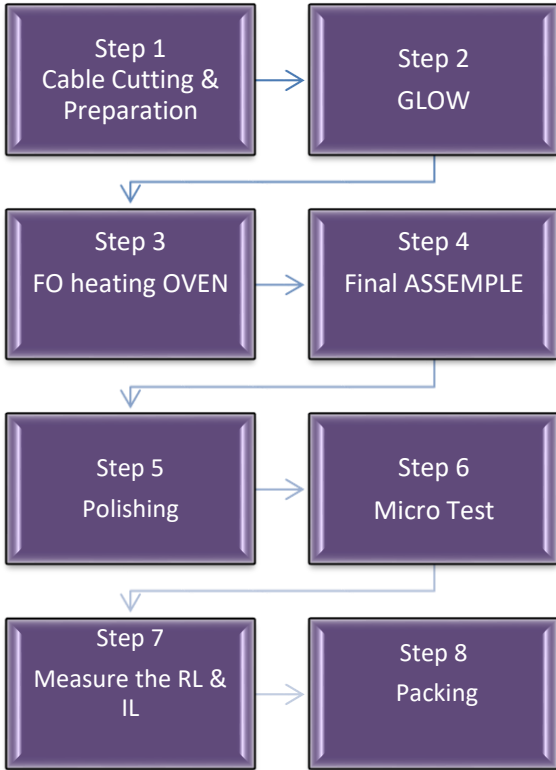
Overview of Powder Coating

The powder coating process is very similar to a painting process except that the “paint” is a dry powder rather than a liquid. The powder sticks to the parts due to electrostatic charging of the powder and grounding of the parts. Any substrate can be used that can tolerate the heat of curing the powder and that can be electrically grounded to enhance charged particle attachment. The powder flows and cures during the application of heat.

Several advantages of powder coating over paints are:

- Powder recovery for reuse
- No VOC generation therefore no VOC destruction required
- Can be more durable than paints (powder chemistry dependent)
- Can have less leveling than paint (more orange peel)
- Curing is typically more energy intensive than paint drying due to higher temperature requirements

Fiber Optic Lab Assembly and Installation



LAB OPTIC TESTER			FIBER OPTIC SPLICING			
1. Visual Fault Locator			1. Fusion Splicer			
2. Optical Power Meter			2. Fiber Optic Cleaver			
3. Fiber Light Source			FIBER OPTIC TOOLS			
4. Fiber Optic Identifier		Network Cable Tester	Network Cable Tester	Fiber Cable Slitter	Fiber Cable Slitter	
5. OTDR (Optical time-domain reflectometer)		Fiber Cable Slitter	Crimping Tool	Crimping Tool	Crimping Tool	
OTDR	HAND OTDR	OTDR	Fiber Optic Cutter	Fiber Optic Tool Kits	Fiber Optic STRIPPER	Fiber Optic Inspection

Legal Documents

وزارة التجارة والصناعة
Ministry of Commerce and Industry

شهادة تسجيل شركة
شركة مصنع أطياف التكنولوجيا للاتصالات والطاقة
ذات مسئولية محدودة

الاسم التجاري للشركة :
ذات مسئولية محدودة

نوعها :
سعودية

مدة الشركة : ٥٩٩ سنة
مركزها الرئيسي : الرياض حي السلي - مخطط المشاعل

ص.ب : ٣٦٥٤٥
الرمز البريدي : ١١٣٩٢
هاتف :
فاكس :

النشاط : تصنيع وتجميع كوابل الألياف الضوئية وكابلات الاتصالات ارفف لكوابل الاتصالات ونقاط توزيع طرفية ميكل موصلات واطاراتهاودوائر الألكترونيه مجمعه طب توميل بلاستيكية بموجب ترخيص صناعي رقم ١٩٢١ وتاريخ ١٤٢٧/١١/٢٢ هـ

رأس المال : ١,٠٠٠,٠٠٠,٠٠٠ ر.س

المديرون :
١ - ماضي محمد الامطل المنزي
٢ -
٣ -
٤ -
٥ -
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٧ -
٨ -
٩ -
١٠ -
١١ -

سجلات المدير / المديرون ، حسب مانس عليه عقد الشركة

يشهد مكتب السجل التجاري بمدينة الرياض في ١٤٢٢/٠٨/٢٢ بموجب الإصدار رقم ٣٧١٤١٣١ وتاريخ ١٤٣٧/٠٨/٢٢ بأنه تم تسجيل الشركة المذكورة أعلاه بمدينة الرياض

وتنتهي صلاحية الشهادة في ١٤٢٢/٠٨/٢٢ بموجب الإصدار رقم ٣٧١٤١٣١ وتاريخ ١٤٣٧/٠٨/٢٢
وليد عبدالله الرويشد
مدير السجل التجاري للشركات ،
التوقيع

وزارة الطاقة والصناعة والثروة المعدنية
المملكة العربية السعودية
Ministry of Energy, Industry and Mineral Resources
The Kingdom of Saudi Arabia

ترخيص صناعي وطني

رقم : (٢٦١٤) بتاريخ : ٢٣/٠٨/٢٠٢١ هـ
تعدل للترخيص رقم : ٣٧٢ بتاريخ : ٢٨/٠٤/١٤٣١ هـ

رمز المنشأة : ٣١١١٩٣
السجل التجاري للمنشأة : ١٠١٠٢٧٥٤٣٣
هاتف : ٢١٦٠٠٦٧
الرمز البريدي : ١١٧٩١

اسم المنشأة : شركة مصنع أطياف التكنولوجيا للاتصالات والطاقة
موقع المنشأة : الرياض (E46.862422 - N24.615447)
ملكية المنشأة : شركة مصنع أطياف التكنولوجيا للاتصالات والطاقة (رقم السجل التجاري : ١٠١٠٢٧٥٤٣٣ / الجنسية : السعودية)
المدينة : الرياض
النشاط الصناعي : صنع المنتجات المعدنية الإشارية (رمز النشاط : ٢٥١١)

الطاقة الإنتاجية	وحدة	رمز المنتج	وصف المنتج
٥٠٠٠	وحدة	٧٣٠٨٦٠١٠	كباب معدنية
٥٠٠٠	وحدة	٧٣٠٨٦٠١٠	صناديق وكباب حديدية
٣٠٠٠	وحدة	٨٥٤٤٧٠٠٠	كوابل وتوصيلات فيدو للفيون/طباعات/كمبيوتر/الاباب بصرية

وزير الطاقة والصناعة والثروة المعدنية
خالد بن عبدالعزيز الفالح

عدد العمالة : ٦٥ (خمسة وستون) فردا.
إجمالي التمويل : ٣٤.٢٣ (أربعة وثلاثون وثلاثة وعشرون من مائة) مليون ريال.

ملحظة هامة: التعليلات خلف الترخيص متممه له
ملحظة هامة: التعليلات خلف الترخيص متممه له

تنتهي صلاحية هذا القرار بتاريخ ١٤٤٠/٠٨/٢٥ هـ

Contact us

Contact us

Tell us what you think and we concern!

We review every contact and read every message that we receive. We are not always able to provide a personal response, but we do appreciate your taking the time to get in touch with us. Please feel free to contact us.

You can visit our Website: www.spectrate.com

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- Online order

support@spectrate.com