OZ Optics Limited – Turkey

Corporate Overview

OZ Optics Limited - Turkey

May 2016
Agenda

- Company Profile
- OZ Optics Canada
- OZ Optics Turkey
- OZ Optics China
- Manufacturing Strategy
- Industry Standards
- Core Competencies
- Quality Policy
- Competitive Advantage
Company Profile

- Company founded in 1985;
- Corporate headquarters located in Ottawa, Canada;
- Manufacturing facility in Ottawa/Canada, Izmir/Turkey, and Jiaxing/China
- Seven Product Groups: Laser-to-Fiber Delivery Systems, High Power Fiber Optic Components, Polarization Maintaining Products, Attenuators, Opto-Electronic Packaging, Test Equipment, Fiber Optic Sensor Systems
- Sales offices in Canada, USA, Turkey and China
Company Profile

- Three Product Groups:
  - Fiber Optic Components 70%
  - Optical Test Equipment 25%
  - Fiber Optic Sensors 5%

- Over 1,000 products
- Leading Edge R&D
Product Innovation

Fiber Optic Distributed Strain and Temperature Sensors

- BOTDA only, BOTDA only, or both BOTDA and BOTDA modules in one unit
- Simultaneous measurement of strain and temperature
- Uses standard telecommunication fiber to minimize costs

Global Leader in Fiber Optic Products since 1985

Fiber Optic Fault Finder for Optical Network Safeguard™

- Monitors and reports network health status in real-time, 24 hours/day, 365 days/year
- Reduces revenue loss due to fiber plant outages
- Reports fault location, giving GPS coordinates with time stamp
- Lowers network operation and maintenance expenses
- User friendly interface via various wireless interfaces (WiFi, GPRS, USB, or RS-232)
- Early alert and outage reports via cellular phone, email, IM, SMS, or text messaging

Remote Monitoring and WDM Network

Remotely Accessible Wireless Fault Finders

GPS Locator
Product Innovation
Company Profile

Over 470 employees worldwide:

- 260 in Ottawa and US
- 50 in Turkey
- 160 in China
Company Profile

OZ Optics is lead by an experienced team:

- Ömür Sezerman, Chairman, President & CEO
  - Founder and CEO since inception (31 years)
- Zahide Sezerman, VP of Human Resources
  - With OZ Optics since inception (31 years)
- Garland Best, VP of Components Division
  - 24 years at OZ Optics
- Gordon Youle, VP of Test Equipment Division
  - 17 years at OZ Optics
- Martin Powell, Operation Manager
  - 12 years at OZ Optics
- Sarah Miller, Controller
  - 3 years at OZ Optics
- Metin Sezerman, General Manager of OZ Turkey
  - 15 years at OZ Optics
- Bing Li, General Manager of OZ Optics China
  - 12 years at OZ Optics
Company Profile

- ISO9001:2008 certified
- Broad patent portfolio
- Advanced proprietary processing technology
Using our strong direct sales and distributors, we address the following markets:
Company Profile

- **OZ Optics has resellers and distributors in over 30 Countries & Regions and over 10,000 customers globally:**

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In-House Production Capabilities

- Experienced and well-trained staff in following fields:
  - optical, mechanical, electronics & software

CNC Machine Shop
AR Coating
Femtosecond Laser Lab
Clean Room
Laser Conditioning/Cleaving
Branch Network

OZ OPTICS CANADA
(Headquarters)

OZ OPTICS TR
(Turkey Factory)

OZ OPTICS CHINA
(Jiaxing Factory)
Facility – Ottawa Headquarters

- 60,000 sq ft. – Manufacturing and R&D Facilities
- 15,000 sq ft. – Admin, Sales and Marketing
- 15,000 sq ft. – Training and Fitness Facility
- R&D, Product Design, Engineering, Final Assembly & QA
Facility – Ottawa Headquarters

- Production Area
- Meeting Room
- Training Centre Building
- Swimming Pool
OZ Optics China

- Operational since 2009
- Wholly Foreign Owned Enterprise
- Subcomponent Parts Manufacturing
- Cost Effective Manufacturing
- High Quality Labor
- Extensive Training (3-6 months in OZ Canada)
OZ China Facility

Jiaxing, China

- Located in Economic Development Zone
- 500 sq meters - Admin, Sales and Marketing
- 1500 sq meters - Manufacturing Area
  - 100 sq meters - Class 10,000 Clean Room
  - 100 sq meters - ESD Working Area
OZ Optics – Turkey Factory

- Operational since 2000
- 33,000 sq ft. Manufacturing Facility
- Located in Free Trade Zone
- Low Tax Rates
- Sub Component Parts Manufacturing
- Cost Effective Manufacturing
- High Quality Labor
Why We Chose Izmir

• Izmir Harbour and Airport
• Convenient Transportation
• Foreign Trade Advantages in Aegean Free Trade Zone
• Cost Effective Manufacturing
• High Quality Labour Pool
• Location Advantages
• Beautiful Scenery & Pleasant Climate
OZ Optics A.S Turkey – Izmir

- Incorporated in May 2000
- First fiber optic products manufacturing company in Turkey
- Equipment and High quality machines set-up
- Machine Shop
- Commenced Operations in Sept. 2001
- OZ Turkey Engineers and Employees had been trained in various departments in OZ Canada
- More than 10 years production experience
OZ Optics A.S Turkey – Izmir

High volume production capacity

Experienced Production Employees

Senior engineers from OZ Canada sent to OZ Turkey for on-site training and evaluation
OZ Turkey Production Lines

Current Production Lines:

- Polarization Maintaining Components
- Hermetic Seal Assemblies
- Fiber Optic Assemblies
- Lasers to Fiber Delivery System
- Attenuators
- High Power Components
- V-Groove Assemblies
All products manufactured are in strict accordance with international industry standards:

- Telcordia Compliance
- CE Compliance
- RoHS Compliance
- ISO 9001:2008 Certified (China, Turkey and Canada)
- Controlled Goods Directorate Registered
Core Competencies

- Pioneer in Polarization Maintaining (PM) Components
- Leader in Wavelength Flattened, High Power & Low PDL Components
- Leader in High Power Fiber Optic Delivery Systems
- Custom Test Equipment, Including Polarization Test Equipment and FTTH Equipment
- Widest Range in Attenuator Product Offering
- Fiber Optic Distributed Strain and Temperature Sensors
- Complete product line for OCT applications & 2 Micron
Leading Technology

- **High Power Isolators**
  - power handling > 50W
  - low loss, low cost
  - turnkey solution

- **Pioneer in Polarization Maintaining (PM) Components**
  - wavelength flattened
  - high power & low PDL
  - PM test equipment

- **Leader in High Power Fiber Optic Delivery Systems**
  - specializes in custom design

- **Fiber Optic Sensor**
  - fast and simultaneous measurement of strain & temp
  - large structure health monitoring

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**OZ Optics**

[www.ozoptics.com](http://www.ozoptics.com)
OUR VISION

• Be the preferred Supplier of choice
• Capture and expand market share
• Maximize shareholder value

OUR MISSION

• To become the leading provider of innovative optical products to telecom and non-telecom sectors

OUR CORE VALUES

• Leadership
• Teamwork
• Boldness
• Commitment
• Innovation
• Rewards

OUR QUALITY POLICY

• Provide our Customers with a competitive advantage, leveraging performance, price and delivery, through a continuous process of Quality advancement in all areas of our Company
• Communicate effectively to our Customers, Suppliers and Shareholders our commitment to Quality and continuous improvement
• Promote opportunities of professional development for all members of our Company through education, training and personal challenge

Ömür Sezerman
President
Competitive Advantage

- Superior Technology
- Innovative Engineering
- Exceptional Quality & Service
- Competitive Pricing
- Extensive Experience In Fiber Optics Manufacturing
- Global Presence
- Success
Your solution provider for existing and next generation fiber optic components and test equipment

Please Contact Our Sales Dept:

Tel: +90-232-252-3531

Email: sales@ozoptics.com
Thank you for choosing OZ!