

# Daniel F Durant

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## **PROFESSIONAL PROFILE:**

- ▶ Six Sigma Black Belt Trained - Project Highlights Include:
  - ◆ Lead a furnace area project that resulted in saving over \$200,000 and about 4 months of downtime.
  - ◆ Participated in bowed tube project that yielded a 50% increase in product.
  - ◆ Reduced rolling operator time by around 75% & saved loss of product with collected target data.
  - ◆ Achieved a more consistent product & saved maintenance costs of \$5000 per month.
  - ◆ Reduced 128 man-hours annually by utilizing a 5S principles in the warehouse.
- ▶ Specialize in streamlining processes
- ▶ Experienced process engineer with highlights in quality, processing, materials handling & supervision
- ▶ ISO Quality Auditor for 9002 and 9001:2000
- ▶ Trainer for OSHA 10 and 30 courses
- ▶ Experienced in industrial chimney construction concentrating in Quality
- ▶ Resourceful & innovative; able to adapt quickly to any challenge presented
- ▶ Strong prioritization, communication, delegation & planning skills

## **PROFESSIONAL EXPERIENCE:**

### ▶ **Karrena International**, Williamsville New York • March 2006 to July 2009 • www.karrena.de

*Karrena is one of the world's leading businesses in the refractory lining and chimney construction industry. KARRENA stands for best-possible solutions in the domain of refractory lining and industrial chimney construction. Detailed know-how about process conditions, circumspect planning and design, application of state-of-the-art installation techniques, and consistent quality controls make sure that our customers receive reliable long-life and thus cost-effective facilities for all purposes.*

#### **Quality & Engineering Consultant** • January 2009 to July 2009

- Trained Safety Manager for transition of quality position due to consolidation
- Created Operating & Maintenance Manuals and Final Submittals to close out open jobs
- Compiled and Presented a training class for the operation and use of the newly built chimney

#### **Corporate Quality Manager** • March 2006 to December 2008

- Worked with Project Managers to standardize methods & documentation for job sites
- Managed 10 jobsites' quality via the site managers to guarantee the procedures & processes were followed
- Maintained Nonconformance records for multiple job sites

#### **Quality, Safety & Interim Site Manager** • May 2006 to December 2007

- Set up & maintained a \$15.8 million chimney job site
- Created & implemented corporate procedures & policies for the construction process

### ▶ **Delphi Corporation**, Lockport New York • October 2005 to March 2006 • www.delphi.com

*Delphi Corp is headquartered in Lockport, NY and has gone by many names over the years: Harrison Radiator, Harrison Division of General Motors, and most recently, Delphi-Harrison. It manufactures and designs automotive radiators, heating/cooling systems and is affiliated with the UAW.*

#### **Supervisor for Evaporator Lines**

- Supervised & managed approximately 30 workers for 3 evaporator lines

### ▶ **Osram Sylvania**, Exeter New Hampshire • July 2001 to March 2004 • www.sylvania.com

*Osram Sylvania Exeter is one of the most diverse plants in OSRAM SYLVANIA's manufacturing network. In addition to manufacturing components to support the business, workers at the Exeter factory make products that help keep potato chips and coffee fresh, help seal milk cartons, and help make silicon chips for the computer industry. The Exeter plant also serves as world headquarters for Precision Materials and Components.*

#### **Senior Processing Engineer Polycrystalline Alumina (PCA) Line**

- ISO 9001:2000 certification, April 2002 – Created, updated & trained hourly employees for all related procedures
- Established a maintenance and spare parts program for the furnaces saving significant time and money for repairs
- Improved safety features & maintenance schedule for 3 hydrogen & 3 atmosphere pusher furnaces
- Managed \$300,000 Furnace Rebuild Projects, July 2002 & September 2003
- Maintained inventory levels for both valued items & consumables enabling faster repairs & shorter downtime
- Negotiated with internal & external vendors on a regular basis regarding delivery & pricing
- PQI Projects: (Osram Sylvania's version of Six-Sigma)
  - Project Leader: "Reduction of Downtime for Final Fire Furnaces"
  - Project Member: "Reduction of Bow"

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## **PROFESSIONAL WORK EXPERIENCE:** (continued from page one)

► **Morgan Electro Ceramics**, Bedford Ohio • November 1995 to May 2001 • www.morganelectroceramics.com  
*Morgan Electro Ceramics is a business of Morgan Technical Ceramics which is a division of The Morgan Crucible Company plc, one of the world's leading advanced materials companies, specializing in the design, manufacture and marketing of ceramic and carbon products. These products are used in a wide range of applications from transport and telecommunications to fire protection and medical instruments.*

### **Ceramic Processing Engineer/Powder Preparation Supervisor**

- ISO 9002 certification, April 1996 – Updated & trained employees on process specifications
- Determined accept/reject criteria for raw oxides, processing parameters & final pill dust parameters
- Wrote material specifications & implemented CARs in production
- Processed piezoelectric ceramic materials from initial raw oxide weighment to finished pill dust
- Knowledge of dispersants, surfactants, deflocculants & binder systems
- Controlled rheology & viscosity of slips during weighments, ball milling & spray drying processes
- **Six-Sigma Projects:**
  - Project Member: *“Roll Compaction of Thin Sheet Stock through Control of Powder Processing Parameters”*
    - ◆ Programmed a database to collect data for review to be able to achieve specific targets for any given powder lot saving operator time and loss of product due to bad sheet stock.
  - Project Leader: *“Implementation of Feluwa Diaphragm Spray Drying Pump”*
    - ◆ Implemented a new spray drying system to achieve a more consistent product and save maintenance costs of around \$5000 a month.
  - Project Leader: *“Application of 5S Principles to Warehouse Management”*
    - ◆ Utilized 5S principles in the warehouse which gave a savings of 128 man-hours a year for locating powder to press.

## **COMPUTER SKILLS:**

- Fluent in Microsoft Office Professional including Access
- Multiple programming languages & systems
- Minitab 13 Statistical Software

## **EDUCATION:**

### ► **Bachelor of Science in Ceramic Engineering**

New York State College of Ceramics at Alfred University, Alfred New York, Graduated May 1994

- Thesis Topic: Calcium Iron Phosphate Bioresorbable Glasses
- Minors in Computer Science & Chemistry

## **SPECIALIZED TRAINING:**

- OSHA 500 Training – University of Buffalo April 2006
- Process Quality Improvement (PQI) Training – Six-Sigma Black Belt Equivalent January-April 2002
- ISO Auditor Training: 9002 - July 1996; 9001:2000 - October 2001
- Part One Professional Engineering Examination – October 1994

## **TECHNICAL SKILLS:**

- Quality management & inspection
- Hydrogen furnace operations using XYCOM Controllers
- Isostatic Press, Extrusion, Filter Press & Slip Casting
- Mixing, Rheology, Batching, Viscosity Control, Spray Drying, Apparent Density & Post-firing machining
- Particle Size Distribution using Sieves, Sedigraph, Coulter Microsizer II & Horiba LA 910

## **ACTIVITIES & INTEREST:**

- Baking, Church Activities, Computers, Family, Theater, Travel, Woodworking & YMCA
- Member of American Society of Quality (ASQ), & various regional Networking Groups

## **REFERENCES:**

- Furnished Upon Request or at LinkedIn.com