

# Robson Forensic

Engineers, Architects, Scientists & Fire Investigators

## BRIAN O'DONEL

### Facilities Engineering, Machinery and Machine Process Safety, Workplace Safety Expert

Experienced in facilities/plant engineering & maintenance, facilities systems, building and grounds year-round and winter maintenance, industrial production machinery and processes, building construction and maintenance, contractor management, security systems and management, environmental, health and work place safety.

**Facilities and Plant Engineering:** Systems design, installation, integration and maintenance, industrial systems, electrical, mechanical, plumbing, compressed air, heating and cooling humidification, roofing, walls & floors, doors & windows, lighting, energy management and systems, warehousing, dock systems, hoists & cranes, conveyors, maintenance management, waste streams and recycling equipment, code and regulatory requirements, ducting, cyclones and balers, snow removal planning and operations, and parking lot safety.

**Machine Guarding, Machine Operation & Safety:** Design, fabrication, installation, and maintenance, equipment relocation, rigging, and layouts, assessments and abatements, OSHA compliance, electrical and mechanical, pinch points, barrier guards.

**Safety Procedure & Requirements:** Workplace & industrial safety, union & non union environments, OSHA compliance, fall protection, injury investigations, safety management and training, policies and procedures, worker's compensation claims and investigations, ergonomics and soft tissue injuries, slip/trip/falls, emergency response teams and management, hazard communications, lock out/tag out.

**Security and Security Systems:** Fences & gates, doors, card access systems, door status systems, photo beam systems, interlocks, security camera systems, security policies and procedures, NASPO requirements, secure and negotiable document security, security professional management.

**Environmental Management:** EPA, OSHA and DOT compliance; waste stream management, permitting and manifesting, chemical exposure and contamination.

**Tools and Equipment:** Printing equipment, fork and clamp trucks, injection molding, maintenance equipment and hand tools, pneumatic equipment, loaders, snowplows and snow removal equipment, agricultural equipment, gas powered chainsaws, wood working equipment.

**Specialty Industries:** Printing, invention molding and composites, hospitality (hotel, restaurant, resort), heavy equipment brakes & clutches, hydro electric generation, agriculture and livestock production, construction, snow and ice removal/winter maintenance; property surveying.

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### PROFESSIONAL EXPERIENCE

2009 to present **Robson Forensic, Inc.**

*Associate*

Provide technical investigations, analysis, reports, and testimony toward the resolution of industrial, commercial and personal injury claims and litigation involving facilities, building and grounds, plant engineering and maintenance, machine guarding and operation, workplace and premises safety, accident and injury investigations and worker's compensation claims, product and production systems, security and security systems, production and manufacturing equipment and systems, and environmental concerns.

2009 **Veolia ES/Harley-Davidson Motor Company**

*Resource Manager for Motorcycle Assembly Campus*

Provided technical consulting and management of waste stream and compliance projects and ensured regulatory compliance associated with a large manufacturer of vehicles/motor-cycles including distribution center.

1989 to 2009 **Standard Register Company**

*Facilities Engineering and Maintenance Management, Engineering Management, Manufacturing Excellence and Continuous Improvement Management, Security Management, Safety, Environmental, and Health Management for Printing and Equipment Manufacturing*

- Managed plant engineering and maintenance.
- Managed safety and emergency response; single & multiple plant.
- Managed environmental compliance; single & multiple plant.
- Design, installation, implementation and maintenance of facility & manufacturing systems; production equipment, compressed air, humidification, heating and cooling, gas fired boilers, roofing, walls, floors, windows, plumbing, mechanical & electrical, ducting, waste streams and recycling systems; single and multiple plant.
- Designed, installed, maintained security equipment, policies and procedure for the products and management of secure and negotiable documents for banking, healthcare and government etc., including security investigations.
- Responsible for single and multiple plant machine guarding and OSHA compliance; including assessments, design, installation, implementation, policies and procedure.
- Generated and conducted training modules and training.
- Managed, directed, and improved multiple site manufacturing plant ergonomic and soft tissue injury performance.
- Safety accomplishments include corporate wide direction, program definition and implementation that improves safety index from 5.56 to 1.24 over 5 year period, reducing claim costs by more than \$2 million/year. Reduced soft tissue injuries

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and slip/trip/falls and injury severity company-wide.

- Responsible for plant and multiple site energy management.
- Managed all phases of building management and improvements, construction projects, maintenance systems, contractor management.
- Coordinated equipment moves and layouts, plant closures and relocations, rigging and logistics.
- Led companywide environmental compliance and green initiatives.
- Managed OSHA and EPA inspections and abatements.
- Managed and conducted all facets of accident, failure, and loss investigations.

#### 1983 to **Raymark Corporation**

1989 *Engineering Management, Research and Product Development, Process Engineering*

- Facilities engineering, maintenance, security, project management.
- Research and product development for composites, friction materials, brakes, clutches for automotive, aerospace, and heavy equipment.
- Managed injection molding department.
- Lab management and testing, dynamometer development.
- Significant work with Caterpillar, General Electric, John Deere, Ford, GM, Whirlpool, Morton Thiokol.
- Safety and Compliance.

#### 1977 to **Safe Harbor Water Power Corp.**

1982 *Co-op to Engineering and Mechanical Maintenance for Hydro Electric Generating Station*

- Hydroelectric generating station mechanical and electrical maintenance.
- Generating unit rebuild and flood clear up.
- Engineering and construction projects.
- Property surveying.

#### 1975 to **Willow Valley Associates**

1995 *Facilities maintenance contractor for resort, conference center and retirement homes*

- Exterior winter maintenance: Plowing and snow moving operations, planning, chemical treatments.
- Interior maintenance and equipment and facilities: restaurant and aquatic facilities.

## AWARDS

Pennsylvania Governor's Award for Safety Excellence

Pennsylvania Governor's Award for Environmental Excellence

Associated Builders and Contractors Project of the Year

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### CERTIFICATION/TRAINING

Engineer-in-Training  
Six Sigma Black Belt, Certified  
Lean Manufacturing, Certified  
OSHA 30-Hour, OSHA Machine Guarding, OSHA Trainer, Certified  
Hazardous Waste, RCRA, DOT, HAZWOPER, Certified  
Green Building training, SFI/FSC certifications

### EDUCATION

B.S., Mechanical Engineering, Pennsylvania State University

### GENERAL

- Hospitality resort maintenance and groundskeeping 20+ years Willow Valley Associates
- Resort services, snow removal & grounds maintenance
- Snow plowing and removal, walkway and entrance care for hotel/restaurant complex as well as farm and residential snow plowing experience. Equipment operated: truck plow, tractor plow, ag tractor front end loader, snow blower, salt spreader.
- Agriculture: 30+ years, crop and live stock production, equipment maintenance & operation
- Land surveying assistant 30+ years to licensed professional surveyor