

# JERRY SINGH

162 Gainsborough Rd, Hamilton, ON L8E 1E5 • 905.327.3630

[jersingh20@gmail.com](mailto:jersingh20@gmail.com)

---

## **PROFILE**

Diversely experienced in manufacturing and fabrication industries and skilled engineer seeking full time opportunities.

## **SYNOPSIS**

- 5 years' experience in quality and industrial engineering
- Experience in ISO documentation, audits, FMEAs, Inspection Plans and work Instructions
- Hands on with APQP, PPAP, PFMEA, SPC, 8D and CAPA.
- Strong background in Continuous Improvement and Lean Operations.
- Six Sigma Green belt certified.
- Excellent communication and interpersonal skills, with the ability to efficiently work independently and in teams.

## **COMPUTER SKILLS**

Data Analyses Tool:	Minitab 14.0, SQL, MS Excel, MS Visio
ERP:	Oracle EBS R12
Design Tool:	AutoCAD 2009, Team center
PC Tool:	Windows, MS Office, COGNOS, Spot-fire

## **PROFESSIONAL EXPERIENCE**

### **Project Engineer (Contract)**

**Mar 2014 – Feb 2017**

GE Power, Greenville, SC, USA

GE Power, a unit of GE, is the world's leading energy solutions provider for the electric power plants and utilities companies.

- Analyzing First Pass Yield (FPY) and defect containment metrics.
- Resolving quality issues by DMAIC process.
- Audit, monitor the drawing review processes ECNs using ERP systems per ISO standards.
- Oversee the project quality control of the end client's customer's deliverables.
- Ensured the CTQ's (cost, time and quality) is well under control.
- ISO conformance and reviews in the engineering design processes.

### **Quality Engineer**

**June 2013 – Feb 2014**

Innovative Solutions, Naugatuck, CT, USA

Innovative Fusion is the premier manufacturer of a broad line of buoyancy components to the electronic level sensing, indication and control industry.

- Supported the Quality Inspectors to ensure that products and processes comply with the relevant requirements of the quality management system.
- Conducted ISO audits, including closing out audit findings, creating audits finding reports and determine proper corrective and preventive actions.
- Assisted in the failure analysis, corrective and preventive action to respond to customer complaints.
- Continuously improving QA receiving inspection process and procedures.

**Engineering Quality (Contract)****Jan 2012 – Feb 2013**

GE Transportation, Erie, PA, USA

GE Transportation, a unit of GE, solves the world's leading manufacturer and assembler for the transportation locomotives and builds equipment that moves the rail and mining industries.

- Improving product quality and reducing defects by focusing on design in the engineering defects.
- Analyzing First Pass Yield (FPY) and defect containment metrics.
- Improving product quality by using Process FMEAS and Design for Manufacturability (DFM).
- Continuous improvement projects through the design changes and manufacturability improvement.
- Devising and developing root cause analysis of the DMR (UAI, Repair, Rework, Scrap, RTV)

**Quality Engineer****Sep 2008 – Apr 2009**

United Industrial, Johnstown, PA, USA

United Industrial (*tier 1 supplier of Manitowoc Cranes*) is a full-service provider of mechanical and electrical solutions to a variety of industries. They provide engineering, fabrication and prototyping to design and implementation of in plant mechanical and power systems,

- Prepared Welding Process Specifications (WPS) and Instructions for MIG and TIG welding.
- Developed Inspection Plans, Quality Alerts, Operation Standards, Work Instructions, check lists and provided recommendations for improvement and defect reduction.
- Achieved the sigma score (*quality score*) of 4.21 from initial 3.79.
- Conducted quality reviews for SCAR (Supplier Corrective action requests) and 8D reports.
- Reviewed supplier PPAPs for purchased parts, reviewed and approved DFMEAs

**Manufacturing Engineer****July 2005 – Dec 2006**

RND Practical Engineering Pvt. Ltd, India

RND Practical Engineering is a manufacturer of conveyors and equipments for food processing industry with customers all across Asia and Africa.

- Worked as part of a collaborative team in the design and layout of food processing plants with an emphasis on client satisfaction through cost effectiveness and reliability.
- Designed assembly line layout, supported line setup activities, re-sequenced processes using lean tools like Line Balancing, internal/external activities analyses.
- Responsible for defining right process, part location, tools and appropriate material handling devices for assembling existing and new equipments.
- Monitored internal Quality problems and coordinated CAPAs within plant and at supplier end.

**EDUCATION**

Communication Skills for Engineers, ISANS, Halifax NS	<b>2017-18</b>
MBA Program (completed 1.5 years of coursework), University of Northern Virginia, USA	<b>2009-11</b>
Master of Science, Industrial Engineering, <i>Wayne State University, Detroit MI, USA</i>	<b>2007-08</b>
Bachelor of Engineering, Production Engineering, <i>SVNIT, India,</i>	<b>2001-05</b>

**CERTIFICATION**                      Six-Sigma Green Belt Certification, WHMIS

**AFFILIATIONS**                        Engineers Nova Scotia, Halifax Chamber of Commerce

**REFERENCES AVAILABLE UPON REQUEST**