

## Ashwin Asher

45663 Fountainview Dr.

Canton, MI 48188

Residence(734)981-4709 Cellular (734) 377 0199 Email: asher26@hotmail.com

### SUMMARY

Experienced Mechanical and Quality Engineer with expertise in Quality Control, Statistical Control, and Problem Solving. Extensive experience in program management from conception to production in global and local capacities.

Ability to analyze problems and suggest viable solutions.

### PROFESSIONAL EXPERIENCE

**Johnson Controls Inc.,** Madison, MS & Westpoint, GA **03-2010 - 07-2010**

#### QUALITY ENGINEER

Responsible for new launch of driver and passenger seats for Nissan Cargo Van X61F.

- Conducted and analyzed studies on H-Point, Efforts and Appearance pictures for S lot, PV & PT-1.
- Developed gage strategy for gages due for calibration(Gagetrack). Calibrated various measuring equipment including controllers, torque guns, calipers, micrometers, Vernier calipers, weights, laser temperature controllers, inclinometers, Oscar for H-Point, BSR equipment etc. in the plant.

#### Self Employed

**11- 2007 – 03-2010**

Doing consultation for automotive problems and preventive maintenance for the cars.

**Blue Water Automotive Systems, Inc.** Howell, MI

#### QUALITY ENGINEER

**06-2007 - 11-2007**

Responsible for preparing PPAP books for various plastic injection parts for Ford/Visteon/GM/Chrysler/Behr/Valeo/Mercedes & Fiat.

- Developed gage strategy for gages due for calibration. Calibrated measuring equipment including calipers, micrometers, Vernier calipers, laser temperature controllers, melt indexer, torque wrenches, filler gages, pin gages.
- Completed gage R&R/Capability for several PPAP parts on Minitab.
- Led control charts on several presses for nozzle, different press zones, cooling time, cushion time, mold cav./cor.
- Designed on 8D/GPIRS of Ford and service parts.

**Johnson Controls Inc., Bridgewater Interiors,** Warren, MI

**08-2005 – 04-2007**

#### QUALITY ENGINEER

Responsible for launch of driver, passenger and rear seats for Lincoln Navigator, Ford Expedition and Ford-150.

- Conducted and analyzed studies on H-Point, Efforts, and BSR for DV, HTFB, PV, 1PP, FEU and Job #1.
- Developed gage strategy for gages due for calibration(Gagetrack). Calibrated various measuring equipment including controllers, torque guns, calipers, micrometers, Vernier calipers, weights, laser temperature controllers, inclinometers, Oscar for H-Point, BSR equipment etc. in the plant.
- Worked on Red Rabbit, Poke Yoke, Dock Audit for the Ford -150(P221), Navigator, Expedition (U222/228/354) seats.
- Worked on 8D's specifically identifying the root cause with intermediate/permanent containment actions to avoid recurrence.
- Developed quality alerts, containment instructions with visual aids along with boundary book for operators in the plant.
- Worked on developing process FMEA for the new model launch seats.
- Worked on QOS (ISO 9000)/TS16949/BOS system and conducted in-house audits.
- Worked on Q1 implementation for these sites.

**BING-Lear Assembly Systems,** Detroit, MI

**08-2004 – 05-2005**

#### QUALITY ENGINEER

Worked on launch for driver, passenger and rear seats for Mustang, Ford U-251, GMX-215/245, Mazda-6 J-56 models vehicle lines.

- Conducted Run-at-Rate and capacity verification for various parts. Prepared PPAP documentation for different parts.
- Identified error-proofing methods to avoid 'mis-building' by incorrect use of raw materials among different models of the seats.
- Arranged scheduling for COP (Conformance of Production) testing for GM cars.

**Mazda Motor Corporation, Flat Rock, MI**

**10-2000 – 06-2003**

**QUALITY ENGINEER**

Worked on new car launch for Team-Mazda-6 for Exterior/Interior/Power train/Hardware-Lock.

- Reduced PPM by 25% using automated inspection and error proofing techniques.
- Improved supplier delivery performance by using ILVS.
- Developed QOS for suppliers to monitor improvement in quality performance including PPM, stop ships, recalls, launches, quality rejects and delivery ratings.
- Assisted in development of supplier sourcing selection processes using different selection criteria.
- Supervised pre-delivery inspection for various Ford vehicle lines.
- Designed and implemented quality standards and streamlined manufacturing processes for various subsystems.
- Prepared visual aids at quality locations to help reduce in-plant variations.
- Consumer driven 6-sigma–Green belt manufacturing-offsite.

**General Motors, Inc. Belleville, MI**

**03-1997 – 10-2000**

**QUALITY ANALYST**

Conducted product performance audits. Prepared and reported final audit report/results to top management.

- Worked with GM dealers to identify and resolve customer concerns at site.
- Inspected incoming parts against engineering drawing specifications.
- Maintained inventory of quality parts at right quantity.
- Shipped parts for all GM cars - right quantity, right parts to the right dealers.

**Ford Motor Company. Dearborn, MI**

**02-1996 – 02-1997**

**QUALITY ENGINEER**

Responsible for inspecting various engine components i.e., piston diameter and valve diameter.

- Calculated best volumes for cylinder block and heads to obtain compression ratio.
- Calculated rotating weights for connecting rods, pin ids, bearing diameter ids with various settings.
- Inspected 2.00 L to 10.0 L Engines for different vehicles.

**Vico Products Company, Plymouth, MI**

**05-1994 – 02-1996**

**QUALITY CONTROL INSPECTOR**

Implemented process inspection for brake components and ran on-line statistical experiments.

- Utilized on-line statistical experimental information to reduce variation in various stamping components i.e. door, bumper, hood, trunk lid and metal stampings.
- Worked on presses and their operation as well as machining process.

**Uniboring Company, Howell, MI**

**06-1991 – 01-1994**

**QUALITY CONTROL INSPECTOR**

Carried out in-process inspection for intake manifolds, cylinder heads, engine blocks, and transmission components.

- Worked on documentation for APQP, FMEA and PPAP.
- Utilized on-line statistical experimental information.

**EDUCATION**

**Quality Management**, Schoolcraft College, Livonia, MI

**Computer Aided Manufacturing (CAD-CAM IBM-10)**, W. D. Ford Vocational Center, Westland, MI

**Mechanical Engineering**, M.H.S. Polytechnic, Bombay, India

**Mazda (Ford Motors)**. Consumer driven 6-sigma–Green belt manufacturing-offsite.