

Ashwin Asher

45663 Fountain View
Canton, MI 48188

Phone: (734) 981-4709

Cell: (734) 377-0199

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. Able to analyze problems and suggest viable solutions.

PROFESSIONAL EXPERIENCE

Johnson Controls Inc., Bridgewater Interiors, Warren, MI

2005-2007

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. Calibrated various measuring equipments 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

2004-2005

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-build 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

2000-2003

QUALITY ENGINEER

Worked on New Car Launch 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.

General Motors Inc., Belleville, MI

1997-2000

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

1996-1997

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

1994-1996

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

1991-1994

QUALITY CONTROL INSPECTOR

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

- Worked on various documentations like APQP, FMEA and PPAP.
- Utilized on-line statistical experimental information

Malleable Iron & Steel Casting Company, Bombay, India

1974-1988

MOLDING SUPERVISOR

Installed and launched heavy machinery, molding machines, hydraulic presses, grinders, compressors, sand mullers, shot blasting machines, induction and bell furnaces.

- Made running changes for casting /molding components to resolve assembly concerns of in-house machinery.
- Made BMD molding machines – 25 for in-house use.

EDUCATION

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

Quality Management, Schoolcraft College, Livonia, MI

Computer Aided Manufacturing, W. D. Ford Vocational Center, Westland, MI