# VIKAS KUMAR

**Phone No. 9992422052, 9990926997**

**E-mail:- vikasku93@gmail.com**

**Career Objective:**

To be a part of progressive & nurturing organization where I can apply my knowledge & make a positive difference.

**Professional Profile:**

**Total Experience: 6.6 year**

**Maruti Suzuki India Limited- June 2017 to till date**

* Currently working with **Maruti Suzuki India Ltd** (Manesar) as a Production Engineer from June 2017 to till.Gained extensive experience in introducing new parts manufacturing of **Cylinder Head (E15 Model)** which require deep understanding of various manufacturing processes and good manufacturing skills and **New line set-up, New machine installation, Documents preparation for Audits, good knowledge about programming of CNC Turning, VMC, HMC, Tool designing as per requirement ,Documentation and good written**, communication and problem solving skills.

**Job Responsibility:**

* Preparation of documents for new model.
* Documents preparation for New model WIS, MOS-K.
* Layout preparation for new line and machine shifting.
* Tooling designing and machine setting for development.
* New Machine installation and commissioning for **Cylinder Head.**
* **Co-ordinate with Japanese related ECN changes during development.**
* Selection of tool (Drill, Reamer, Tap ,face milling cutter, end mill cutter and inserts for turning machine. Etc.)`
* Selection of critical parameter for new model and preparation line documents to achieve quality.

.**Area of Interest:**

* CNC Turning Centre, VMC, HMC, Fine Boring, programming and cycle time reduction.
* Tool selection for new model development.
* Machine selection for new set-up.

**HONDA MOTORCYCLE & SCOOTER INDIA LTD EXP. 2.2 Years**

**Area of Experience: Production & Process Engineering (Machine Shop)**

* Worked with **Honda Motorcycle & Scooter India Ltd** (Manesar) as a Project & Production Engineer from Sep 2014 to June 2017**( 2.9 year)** .Gained extensive experience in introducing new parts manufacturing of **Cylinder Block and Cylinder Head** which require deep understanding of various manufacturing processes and good manufacturing skills and **New line set-up, New machine installation, Documents preparation for Audits ,New model study according to current line condition, good knowledge about programming of CNC Turning, Fine Boring,VMC, Tool designing, and good written**, communication and problem solving skills.

**Job Responsibility:**

* Preparation of documents for new model.
* Documents preparation for ISO Audits PQCS updatation, Process Drawing, Inspection Data Sheet, TPM sheets, Rejection analysis, CNC Programme, Operation standard, Incoming Inspection.
* Layout preparation for new line and machine shifting.
* Tooling designing and machine setting for development.
* New Machine installation and commissioning for **cylinder block.**
* Selection of tool (Drill, Reamer, Tap ,face milling cutter, end mill cutter and inserts for turning machine. Etc.)`
* Selection of critical parameter for new model and preparation line documents to achieve quality.
* Preparation of all documents in start of ordering till commissioning of machine &handover.
* Selection of New machines with tooling for new set-up.
* New Jig / Fixture Development for current model.
* Making parts for new models and observe till final assembly.
* Machine trial at Makers end and reverify all point during commissioning stage.

 **PastCompany Profile:**

**Exp. Oct. 2011 to Oct. 2014**

Worked with **EKIN INDIA Pvt. Ltd.** (Manesar)as a Method Engineer (Production & Process Engineering) from Oct. 2011 to Oct.2014.Gained extensive experience in introducing new parts manufacturing of **Clutch Plate, and sensor housing, Damper ring and pulley** which require deep understanding of various manufacturing processes **good knowledge programming of CNC Turning, VMC and Tool PPAP, APQP, 7 QC Tools , Process Documentation.**

**Company Profile:**

## Ekin is a leader in the research, design, manufacturing and distribution of a broad range of CNC Broaching machines, Broaches and Hobbes, Special broach resharpning machines.

**Job Responsibility:**

* Machine selection for machining like HMC, VMC (3 and 4 axis) and CNC Turning machine.
* Selection of tool( Drill, Milling Cutter, Reamer, Tap, grinding wheel ,face milling cutter, end mill cutter and inserts for turning machine. Etc.)`
* Conduct SPC study for new lines.
* Cycle time study for machining.
* Creating new drawing of broach as per customer components details and reverify for CNC program.
* Involvement in ITO, TTO, HVPT for schedule activities before start of mass production.
* Communicate the programming of CNC machines like Turning Centre and VMC, HMC.
* Set up on CNC Turning, VMC,HMC and having good knowledge of Fanuc, Mazak, Mitsubishi, Siemens and Fagor controller.

DESIGNING:

* Create designing for new broach (like modular, angular and straight types, Round and Flat broach) on AUTO CAD .

. **Technical Qualification:**

* Three years diploma in Mechanical Engineering from S.B.C.M. Shanti Niketan College of Engineering, Hisar with 77% marks.

**Academic Qualification:**

* 10th. from **HBSE Board** Bhiwani with 68% marks in 2008(H.R)

**Personal Detail:**

**Permanent address :** Vill-Madanheri, Dist.-Hisar, Haryana.

**Marital status :** Married

**Languages Known :** English,Hindi

**Hobbies : Listening music**

**Place :**

**Date : VIKAS KUMAR**