**VINOD KUMAR TIWARI**

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**Seeking assignments in Engine Testing/Quality/sales in automotive industry**

**Profile Summary**

* Offering over 15 years of rich experience in Automotive Engine testing for Benchmarking Engine of domestic tractors
* Rich experience on engines for Gensets application Engine from 7.5 to 82.5 KVA CPCB & CPCB-II
* Experience on Natural aspirated, Turbocharged Intercooler Engines, Engine COP Activity Work, Test Bed certification work, Safety and ISMS activity of department
* Skilled in engine preparation & testing for performance, emission (5 & 8 Mode) & PM as per ISO 8175C1 & D2
* Proficient in Engine Development to achieve Tier-III, BSIIIA & CPCB-II for Tractor (Domestic market) Engine preparation and Performance
* Successfully handled cost re-engineering project and SFC improvement project
* Conducted tractor testing for benchmarking Engine like Massey Ferguson, Tafe, New Holland and Simpson
* An effective communicator with excellent problem solving and analytical skills

**Core Skills**

Data Generation Compilation and Analysis Combustion Development

Durability Testing Engine Preparation & Testing Emission Testing

Report Preparation & Discussion Cost Re-Engineering Documentation & Reporting

**Awards & Accolades**

* Successfully completed Development of TIER III project, BS-IIIA, CPCB-II
* Received:
  + Appreciation for successfully completion of Agni project within limit time
  + Spot award for successfully completion of TIER-III productions engine solving testing Problem
  + Spot award for completion of combustion development of 6 Cylinder Genset Engine
  + Spot award for successfully completion of 605 DI combustion development & type approval in 2012
  + Spot award foe effort taken for Agni Engine ECOP testing clearance & shifting of test bed from Kandivali to Chennai
  + Spot award for successfully clearing ECOP of Agni Engine in 2012
  + Spot award for helping COP engine in 2013
  + Spot award for successfully completing of DF Engine in 2014
  + Appreciation for solving the problem of Field issue
  + Appreciation for successfully completion of Emission & P.M of 2185GM Engine
  + Spot award for Safety & ISMS Audit in 2017
  + Appreciation for Engine test bed Certification
  + Appreciation for Engine test bed implementation
  + Spot award for Safety & ISMS Audit in 2019

**Professional Experience**

**February 2006 – till date with Mahindra and Mahindra Ltd.**

**The Growth Path:**

Feb 2006 – Nov 2008 Mahindra and Mahindra Ltd.

Nov 2008 – till date Engineer

* Involved in testing the engine for various projects after understanding the requirements
* Ensuring completion of sign off with the design team, testing as per market requirements and prepared test report for clearance
* Carrying out Engine Testing & data analysis for further tests
* Preparing and releasing engine preparation plan and monitoring engine as per requirement
* Ensuring maximum test bed & equipment utilization to achieve common goal
* Making arrangements for direct and indirect materials required for testing & validation purpose
* Handling test bed shifting activities
* Responsible for OHSAS audit preparations and explaining audit awareness to new people

**As Shift In charge**

* Discussed weekly plan with calibration engineer & released weekly plan
* Prepared day wise database for test performed in test cell
* Responsible for signoff with calibration engineers on test equipment sheet & communicated the requirements with team members

**Key Projects:**

* BS3 Development and system assessments for domestic market
* Combustion Development for Trem- III, IIIA for Tractor & CPCB-II for Genset
* CPCB II improvement & CPCB 4+ development
* **Professional Training**
* In house operational training on:
  + ‘Pier- burg emission Analyzer
  + ‘AMAI60 emission Analyses
  + Horiba EXHA 1500 & MEXA 7100 Emission Analyses
  + “MICO Inline & Rotary FIP”
  + OSHAS & ISMS

**August 2004 – January 2006 with Gaytech Engineering Pvt. Ltd. as Supervisor**

*(Contractor of BHEL at NTPC Rihandnagar - U.P.)*

* Handled maintenance of Coal Handling Plant including Conveyor, Crusher, taker- Reclaimer, Tripper, etc.
* Prepared and presented daily progress report and quality protocol
* Conducted inspection & reported to BHEL & NTPC
* Successfully commissioned Coal Handling Plant conveyor

**Education**

* Diploma in Mechanical engineering (R.G.P.V Bhopal) in June 2004 with 68.05%

**Personal Details**

Date of Birth: 8th August 1984

Languages Known: English and Hindi

Nationality: Indian

Permanent Address: Vill- Rajbandh, Po. -Pondi Naugai, Distt. –Singrauli, (M.P) 486886

Present Address: Room No. 2/1, Periyalvar Street, NH-1, Maraimalai Nagar, Chenagalpattu (T.N) 603209