**Prakash Singh**

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**SENIOR PROFESSIONAL**

Versatile, high-energy technocrat with the distinction of executing Engine and Vehicle Test cell maintenance, commissioning & New Test facility implementation projects of large magnitude within strict time schedules

**|Maintenance of Engine/Vehicle Test Beds & Utility | New Test Facility Development**

**PROFILE SUMMARY**

* A focused professional with over 10 years of experience in:

**Emission Test Bed Maintenance New Test Facility development Spares Inventory Management**

**Test Bed Installation/Commissioning Maintenance Budget Planning Shift Management**

* Exposure in performing various projects such as New Test facility development to meet current & future testing requirements in terms of engine/vehicle development, transmission testing & Component testing test rigs
* Test Cell up-gradation as per the test requirement.
* Well versed in working with Dynamometers, Emission analyzers & other Testing measurement instruments.
* A planner with experience in handling the gamut of project related activities right from planning, monitoring, controlling phases of project lifecycle, overall inter-discipline coordination, administration and resource planning
* Capable of managing various Engine/Vehicle test system calibration, PM in order to maintain repeatable & reliable test data.
* Hands-on-experience in coordinating for techno-commercial negotiations, preparing the contract documents and cost estimates
* Efficient organizer, motivator, team player and a decisive leader with the ability to motivate teams to excel and win

**ORGANIZATIONAL EXPERIENCE**

**Since Apr’12 CNH Industrial India Pvt Ltd, Greater Noida as Asst Manager – Maintenance & New Test Facility**

**Development**

**Nov, 07 to Mar, 12 AVL India Pvt Ltd, Gurgaon as Sr. Engineer- Customer services**

**Jul’06 to Nov’07 Anergy Instruments Pvt Ltd, Faridabad as Engineer – Customer Services**

**Key Result Areas:**

* Responsible for carrying maintenance activities for the Engine, Tractor & Transmission Test facility in order to maintain maximum up time of the Test facilities.
* Accountable for New Test facility planning & development.
* Planning & monitoring of customized test rigs which are developed in house for use in testing of components.
* Capital budget planning for new test facilities & Revenue budget planning for the existing test facilities.
* Spare parts inventory management & conducting regular audits for the same.
* Assisting testing team in test cell modification/optimization to make it suitable for any unconventional test.
* Maintenance cost reduction practice by localizing spare parts of imported test benches & promoting in house repair/calibration wherever possible.
* Understanding of Engine testing, Dynamometers, Emission analyzers, CVS, SPC.
* Identifying & troubleshooting of different problems on electrical, mechanical test systems & utilities.

**Highlights**:

* Successfully developed 3 Test beds (2 engine test beds and 1 PTO test bed) starting from scratch.
* Successfully developed 2 transmission test beds (imported from Bimal S.p.a) and completed commissioning well within the projected target date.
* Successfully saved 3-4 weeks of PTO test utilization by in house repair of portable dynamometer which is already more than 15 years old.
* Played significant role in testing of 750Kw harvester engine at engine test bed by optimizing the test bed for the testing.
* Received “Best performer of the quarter award” PD-Test Bed area development & maintenance.

**PROJECTS HANDLED**

* New Test Bed development for engine and PTO testing.
* New transmission test bed development for transmission & front axle testing.
* Project planning & budgeting for Euro V compatible emission test bed.
* Leading the maintenance of Vehicle test labs at ICAT-Manesar, PTL-Mohali, IOCL-Faridabad, Tata Motors-Jamshedpur, ITL-Hoshiarpur.
* Installation/Commissioning of Emission test bed at IIP, Dehradun.
* Installation/commissioning of Emission test bed at TELCON, Khadagpur.

**TECHNICAL SKILLS**

* Emission Bench maintenance.
* Proficiency in engine test bed measurement system calibration
* Technical troubleshooting & diagnostics.
* Installation & Commissioning of test systems.
* Convergent with EDACS, iasys and GEM Software for test bed operations

**EDUCATION**

2006 Bachelor of Instrumentation & Control Engineering from PDM(Prabhu Dayal Memorial) College of Engineering , Bahadurgarh with 77%

**PERSONAL DETAILS**

Date of Birth: 24th January 1984

Language Known: English & Hindi

Permanent Address: House No. 849/2, Street-5, Bhood Colony, Faridabad-121002