

# Diesel Service Engineer

(Expert in Diesel Engine after Sales Technical Support, Installation, Testing, Commissioning, NEPI Checks, Major overhauling, Long block assembly, Repair & troubleshooting )

**THEJUS B KRISHNA**

**Service Engineer in Cummins** authorized dealer Sunitha Sales & Service Pvt Ltd.

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## CAREER PROFILE

- I have 4 years Btech and 3 years Diploma in Mechanical Engineering, with 31 months of hands-on experience in Diesel Engine installation, testing, calibration, commission and Condition Based Preventive Maintenance (lube oil analysis) of **Cummins Diesel Engines up to 3500 HP.**
- I am expert in PT Fuel Pump Calibration, Inline injection Pump, Rotary pump timing and installation, STC injector assembly and testing, **Holset Turbosupercharger** maintenance, Failure Analysis, Troubleshooting.
- I have knowledge in **Alternator, AVR, Power Command Control system,** Genset Paralleling operation, AMF panel, Electronic Governors, Electronic Fuel Control System, **Cummins High Common Rail Fuel System, Electronic Injectors,** Demand flow Control Lube Oil system, Starting Air System, SW & FW Cooling Systems, Emission control systems, techniques and method, SCR, EGR, DOC, Particulate Filters, Air induction system with intercooler or Charged air Cooler, Crank case vacuum, Exhaust gas and other associated Systems.
- I worked as Field Technician & Service Engineer in Cummins Authorized Diesel Engine service center and involved in short & long block assembly, assembly of fuel pump & injector, turbo supercharger.

**Software Skills:** Expertise in MS Office tools (Word, Excel, Power Point Presentation)

## CAREER OBJECTIVE

- Seeking an opportunity to work **Diesel Engines Services & Maintenance Management / Sales Technical & Warranty Support Group / Marine Afloat Maintenance Service** and utilize my technical & leadership skills in Customer Centric Project, planning, execution.
- Seeking an opportunity to utilize my expertise to create & innovate technical solution for practical problems faced by customer, root cause analysis and making significant contribution towards the growth of the company.

- Seeking an opportunity to utilize my competency in **ensuring energy efficient, safety & reliable operation of Diesel Engines & machinery.**

## PROFESSIONAL EXPERIENCE

Company Name : **CUMMINS authorized dealer Sunitha Sales & Service Pvt Ltd.**  
Designation : Service engineer ( Cummins Diesel Engine)  
Joining Date : From 12 Feb 2018 till date **(31 Months)**

Company Name : **MARYMATHA Construction Company.**  
Designation : Mechanical Engineer (Incharge of all plant and equipments)  
Joining Date : From 07 April 2016 to 03 Feb 2018**(22 Months)**

Company Name. : **MARUTI SUSUKI authorized dealer Indus Motors Pvt Ltd.**  
Designation : PDI Incharge (Maruti Suzuki Diesel & Petrol Engines )  
Joining Date : From Jan 2012 to 15 Feb 2013**(13Months)**

### Key Skills and responsibilities:

- Experience in short and long power assembly, wreck maintenance and rebuilding of engines diesel engine testing, tuning & calibration, Compression Leak test, Valve Spring Test, Valve Lapping & Cutting, Valve Spring Compression Test, Liner Protrusion, Injector Protrusion, setting of Valve tappet clearances, Piston rings grinding and clearances, Fuel Injector travel adjustment, Fuel injector testing, Pop test, valves, firing order time setting, Crank Shaft Thrust Bearing Clearances, trouble shooting, overhauling, vibration based condition monitoring & lube oil analysis, AVM, Vibration dampers inspection.
- I am expert in maintenance of **All Model of Cummins Diesel Engines** up to **3500 HP.** Performance measuring and analysis, defect rectification, removal and repair of cylinder head, cylinder liner, fuel injector testing, intercooler, after cooler, EGR system, supercharger, governor and control systems, starting air System, fresh water & sea water and lube oil pumps etc,.
- I plan and execute the maintenance and repair schedule on priority basis, analyze engine's performance data, root cause analysis of failure / breakdown, promulgation of SOP, commissioning trials and testing of new engines.

## ACADEMIC

- **Bachelor of technology in Mechanical Engineering** – 2015 course completed Sree Narayana Gurukulam College Of Engineering.Kadyiripu.MG University.Kerala
- **Diploma In Mechanical Engineering** – 2011, Gov.Polytechnic College, Muttom,Idukki, Kerala.
- **THSLC In Motor Mechanic-** Gov.Technical High School, Purapuzha,Idukki,Kerala.

### OTHER PROFESSIONAL TRAINING

- 06months High Horse Power Diesel Engine Service **Training at Cummins Technical Training Center, Phaltan.** in 2018

### PERSONEL DETAILS

- Date of Birth & Age : 24 Feb1992 : 27 Years
- Passport : **P1618986 (Indian)**
- Languages Known : Malayalam,Tamil, Hindi & English

### OTHER DETAILS