**ASWINRAJ**

MECHANICAL ENGINEER

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Nationality : Indian

DOB : 12-June-1994

Marital Status : Single

EDUCATION

BE MECHANICAL ENGINEERING- 2016

Anna University HSS- 2011

Kerala state board

MY SKILLS

8D preparation Process auditing SQR preparation FMEA

CAPA

Quality tools MSA

Metrological study Case depth analysis

CAREER OBJECTIVE

To ensure challenging position in a growing organization where I would be able to utilize my capabilities to the best extend and in the process add value to the organization and my career

WORK EXPERIENCE

Junior quality engineer

HYDROCONTROL S.P.A, Bangalore -jun2016- Nov 2017

Responsible for analysis of customer’s complaints and 8D preparation

Coordination for PPAP sample development verification Liable for 8D report preparation and interacting with customer for corrective and preventive actions

Product development

Interpreted designs and schematics, and reviewed drawings and sketches to support quality assurance

Generated and distributed documentation records including supplier

Quality rating using histogram

Trained new employees, according to standard quality control procedures

Performing contamination test by using Millipore analysis performing roundness and concentricity by using roundness tester

Carrying out Root Cause Analysis through Cause-and-effect diagram, Pareto chart, 5W1H, Why-Why analysis.

Proficient in measuring instruments – Roundness tester and metrological study on components such as case depth & surface structure for heat treated components.

MY STRENGTH

Adaptability Critical thinking Hardworking Problem solving Flexibility Communication Leadership Team player Management

LANGUAGES

MALAYALAM ENGLISH HINDI

TAMIL KANADA

SOFTWARE AND HARDWARE SKILLS

Software worked on : Solid works, Creo 2.0 Working platform : windows, Linux, Ms-Dos MS Excel, power point & word

Basic knowledge of : c , c++ programming language

PRECISION EQUIPMENT HANDLED

Profile projector

Spring tension testing system Roundness tester

Laser micrometer

Vickers and micro Vickers Air gauges

Millipore Roughness tester

ACADEMIC PROJECT & SEMINAR

HEAT TRANSFER OPTIMIZATION OF TWILIGHT SWITCH BOX

Project deals with the analysis of the heat transfer through radiation and convection and optimization of the convective heat transfer by varying physical structure of the enclosure

Participated in national level seminar on MPFI and FUEL CELLS

Participated in national level workshop on MULTI CYLINDER ENGINE MECHANISM

# Reference: Provided up on request