## AMAL

**Mechanical Professional**

Dubai

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## CAREER OBJECTIVE

*To be a successful professional and become an asset for the organization through hard work, patience, continuous learning and understanding the ethics of the organization and its customers. To be true and loyal to the organization and reach the desired goals.*

**EXPERIENCE HIGHLIGHTS**

**Organization Name: Steel and Industrial forgings Ltd, Kerala, India.**

**(A GOVT. OF KERALA UNDERTAKING)**

**AS 9100-C & ISO 9001-2008 Certified Company.**

**Designation: Mechanical Engineer Trainee & AutoCAD Draftsman in Technical / Design Department (Duration: December 2016 to January 2018)**

**KEY RESPONSIBLITIES**

* Checking feasibility of forgings.
* Reading drawings and calculation of Net weight of forgings using AutoCAD.
* 2D design and drafting of machining, and isometric drawings using AutoCAD
* Revises forging designs (forging Layout, Machining Layout, Die Layouts) using AutoCAD.
* Preparation of PROCESS FLOW DIAGRAM using AutoCAD.
* Calculation of Forging Data sheet.
* Checking material intend using company specification.
* Preparation of documents (Process sheet, Heat treatment process sheet, Process quality plan, Master list of drawings, Job data book).
* Preparation of forging plan for (HAL, ISRO, BRAHMOS).
* Issuing of documents to various departments.
* Monitoring of temperature variations in Electric Heat treatment furnace.

**ACADEMIC QUALIFICATION**

* **B.Tech** **Mechanical Engineering** from **Vidya Academy of Science and Technology**, Thrissur, Kerala, India. (**University of Calicut**) – (2011 – 2015).
* **Industrial Training course** from Power plant Institute, Kochi.
* **NDT Training** course from Power plant Institute, Kochi.(ASNT)

**CERTIFICATIONS & AFFILIATIONS**

* Certification in ASNT NDT Level II (UT, LPT, MPT)
* Certification in Oilfield Engineering
* Certification in Pipeline Engineering
* Certification in Piping Engineering

**TECHNICAL KNOWLEDGE**

* Knowledge in Reading forging drawings and Machine drawings.
* Knowledge in drafting 2D drawings using AutoCAD
* Knowledge in checking the feasibility of forging.
* Knowledge in forging data sheet preparation.
* Knowledge in Material standard and specifications.
* Knowledge about various Heat treatment process.
* Knowledge in NDT methods.
* Knowledge in Dimensional inspection of forged jobs.

**IT SKILS: Auto cad, MS Office, Photoshop**

**ACADEMIC PROJECT**

 **Main Project: Analysis of Composite Leaf Spring using Ansys Workbench**

 The aim of this project was to analyze and compare mechanical behavior of

 composite leaf spring with conventional leaf spring.

 **Mini Project: 2D Heat Transfer Analysis using Ansys Software**

 The aim of this project was to optimize the number of fins of a metallic plate so as

 to maximize the heat transfer rate.

 **Seminar Topic:** **Power Hump**.

**INDUSTRIAL TRAINING ATTENDED**

* Six days training at **KSRTC** (Kerala State Road Transport Corporation), Regional Workshop, Kochi, Kerala.

**PERSONAL INFORMATION**

Age : 25 years

Nationality : Indian

Marital Status : Single

Languages Known : English, Hindi and Malayalam.

 ***AMAL***