

# Kalpesh Luhar

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Ahmadabad, Gujarat

## **Objective:**

Focused individual looking for a mechanical engineering position in a fast-paced organization where hard work and excellence is appreciated bringing ability to establish details of a design and also their specifications.

## **Academic Projects:**

- Design of Hydraulic bending and cutting machine.

The purpose of our project (hydraulic bending and cutting machine) is to design and construct a multi-purpose bending Machine and metal sheet cutting machine using hydraulics. The pipe to be bent is supported between die attachment and hydraulic cylinder piston. It exerts force on the pipe and bends it to the suitable angle depending on applications. The rod is bent by the hydraulic cylinder piston with holding the rod in the frame. And also cutting mechanism of metal sheet with help of hydraulics is done. It helps in reducing size, space occupied, cost employed can be minimized.

- Effect of tio2 flux, sio2 flux and without flux on A-TIG weld penetration.

Present study work is based on weld penetration of stainless steel (UNS S30400) performed on A-TIG, Attempt was made to develop Activated TIG welding for stainless steel of 10mm thickness by single pass full penetration weld without edge preparation, Study includes the variation in weld penetration by using TiO<sub>2</sub> flux, SiO<sub>2</sub> flux and without flux at different parameters. The result is based on Vickers hardness test, Tensile test and Macroscopic tests.

## **Certifications:**

- Autodesk AutoCAD 2D
- PTC CREO parametric

## **Technical Skills:**

- Autodesk AutoCAD 2D
- PTC CREO

## **Achievement:**

Published research paper on **Effect of tio<sub>2</sub> flux, sio<sub>2</sub> flux and without flux on A-TIG weld penetration.**

## **Education Qualification:**

<b>Degree</b>	<b>Institute/University</b>	<b>Passing Year</b>
<b>SSC</b>	L.K.M.H. Hindi High School ( Gujarat State Board)	2012
<b>HSC</b>	Navsankar hindi high school (Gujarat State Board)	2014
<b>Graduation</b>	Alpha College Of Engineering And Technology (GTU)	2018

## **Experience:**

Currently working in Gopala Polyplast Ltd. As a trainee-engineer from august-2018(7-months)

## **Personal Information:**

**Name:** Kalpesh Luhar  
**DOB:** 26-12-1996  
**Marital Status:** Single  
**Nationality:** Indian  
**Address:** 419/A, Sector-5, Chankyapuri, Ghatlodiya, Ahmedabad-380061  
**Language Known:** English, Hindi and Gujarati

## **Declaration:**

I hereby declare that the information submitted above is true to the best of my knowledge.

**(Kalpesh Luhar)**

Place: Ahmedabad.