






AMANDEEP

MANUFACTURING ENGINEER

PERSONAL PROFILE

A Dedicated Professional with 6.5 years of experience in creating Assembly instructions documents and Operations Method Sheets. Development and Implementation of process instructions to end customer.

CONTACT

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EDUCATION

Visvesvaraya Technological
University, Belgaum
Bachelor in Mechanical
Engineering, 2014

TECHNICAL SKILLS

- Experience on Siemens PLM tools – Team center Vismockup 11.4 & Professional.
- Knowledge of PTC products like Windchill.
- Expertise in working on Manufacturing Process Planner (MPP), Creoview.
- Ergonomics analysis using Siemens PLM Jack 8.2

WORK EXPERIENCE

Whirlpool India Pvt Ltd. Pune,
(Payroll- Suyan Engineering Solutions Pvt. Ltd.)
Industrial Engineer

APRIL 2022 - TILL NOW

- Creating Operation Method Sheets (OMS) and Assembly work instructions using virtual (Digital) Assembly Proplaner Tool and Creoview.
- Develop and create Assembly Process Sequence for products like Washing machines, Refrigerator and Kitchen Aid equipments.
- Perform Time study and calculate Process time using Modular Arrangement of Predetermined Time Standards (MODAPTS).
- Working on Model mapping for different models of the products.

**John Deere India Pvt Ltd. Pune,
(Payroll- GGS Engineering Services Pvt. Ltd.)**

Manufacturing Engineer

NOV 2018 - APRIL 2022

- Creating Operation Method Sheets (OMS) and Assembly work instructions using virtual (Digital) Manufacturing Process Planner - Siemens PLM – Team center Vismockup 11.4 & Professional,
- Develop, implement, and maintain methods, operation sequence and processes in the assembly and testing of components, sub-assemblies and final assemblies of equipments,
- Perform Ergonomic Analysis for Operators on Jack 8.2 Tool and prepared Ergonomic Analysis Reports.
- Revising, developing and implementing documented procedures.
- Modification in processes for Pre-SOP and SOP phase as per Engineering Change Management (ECM).
- Interface with other engineering functions to coordinate the release of product improvements and new products.

**Volkswagen India Pvt Ltd, Pune,
(Payroll- Randstad India Pvt. Ltd.)**

Assembly Process Engineer

SEP 2015 - AUG 2016, MAY 2017 - MAY 2018

- Responsible for creating Standard Worksheet (SWS), using Teamcenter PLM and Creo tool.
- Design Sequence of Process (SOP) for new product such as Indian Compact Sedan (AMEO) using Arbeitsplan.
- Design and Improve assembly process by Video analysis.
- Implement and refine manufacturing processes by applying Continuous improvement,
- Implementation of 5S and Poka-Yokes on assembly line for full proof assemblies.
- Communicate with customer representatives for feedback and distributions.

PROJECT DETAILS

1. Cotton Picking Machine (Des Moines, USA)
2. Sprayer Boom (Host, Europe)
3. Sugarcane Harvester (Catalao, Brazil)
4. Seeding Machine (Valley City, USA)

- Part analysis and comparison of model using EBOM in Teamcenter and Windchill.
- Create Graphical Sequence of Events of whole model in Teamcenter.
- Design detailed assembly process and work instructions in Manufacturing Process Planner.
- Assign parts for each station and given routing operations for the parts.
- Create Operation Method Sheet (OMS) for each process using Teamcenter and Creoview.
- Include different views like Top, Front, Back views of model for smooth assembly of parts.
- Label each part with Part number and Part name in OMS for identification.
- Include critical assembly instruction and Tools information in OMS.
- Generate OMS report manual for whole operation and deliver it to end customer.
- Ergonomic analysis using Siemens PLM tool Jack 8.2 for operators on each workstation.
- Create ergonomic analysis reports and deliver it to customer.