



TEK0812 (PTC - Windchill - 6 yrs)

■ Bachelor of Engineering

Highlights

- Overall 6+ Years of experience in PLM configuration and customization as a Windchill Admin and Design and development of industrial products as design engineer.
- Windchill OOTB customization, Windchill UI customization, Windchill change management configuration and customization, Type and attribute management, workflow and lifecycle template customization, Participant & context management, Policy Administration.
- Establishment of Engineering change management process and parameter request process across global organization – Requirement finalization, solution proposal, windchill solution development, testing, deployment, stakeholder approval, release, training and documentation.
- Creo expertise with smart modelling, assembly using skeleton model, notebook, part relation and pro programming.
- Work experience at OEM MNC Companies with domestic and international stakeholders' Management. Currently associated with Otis Elevator Company.
- Comprehensive knowledge on Product Engineering & Manufacturing process.
- Project & Team management work experience as Senior Engineer. Regular Work experience with Top management colleagues.
- Design and development of Heavy Machinery Products (Mining & Construction), Elevators, compressed air system – Filters (pressure vessel), Dryers, Heat Exchangers for both International & Domestic Markets.

Skills

Primary Skills

- Windchill Support

Secondary Skills

- Change Management
- Configuration Management
- Windchill System Admin

Other Skills

Windchill, Thing Worx Navigator, Oracle SQL Developer, Eclipse, Jira

Projects

Project Management process enhancement in Windchill PJM - Manufacturing Industry (6 months)

- Responsibility as Windchill Admin, Windchill OOTB customization, Workflow configuration & customization, Participant administration.
- End to end solution development experience from requirement finalization, solution development, testing, approval and deployment support.
- To create customize of Life cycle template, workflow template, versioning, WVS and preference management.

- Work experience in global stakeholders management throughout solution development cycle.
- To Export Soft Type with Attributes using Definition exporter. To bulk upload using LoadFromFile Utility.
- To create Global & local Attributes and customize layouts, Attribute constraints. Extending OOTB Windchill Types in Type and Attribute Manager.
- To create custom OIR, Configure manual numbering, auto numbering, custom Versioning scheme, Lifecycle in OIR.

Global Change management process (windchill) - Any Other (28 months)

- Responsibility as Windchill Admin, Windchill OOTB customization, Workflow configuration & customization, Participant administration.
- Windchill UI customization using MVC table builders, JCA debug, resource bundle(TabRB).
- Edit custom actions and custom xml file to create UI to extract data from windchill.
- To Export Soft Type with Attributes using Definition exporter. To bulk upload using LoadFromFile Utility.
- To create Global & local Attributes and customize layouts, Attribute constraints. Extending OOTB Windchill Types in Type and Attribute Manager.
- To create custom OIR, Configure manual numbering, auto numbering, custom Versioning scheme, Lifecycle in OIR.
- To create customize of Life cycle template, workflow template, versioning, WVS and preference management.
- Define access control policies to customized soft type and identify individual access control permissions.
- Basic Knowledge on Form Processor, Data Utility, Validators, Listener Service.
- Establishment of Engineering change management process and parameter request process across global organization – Requirement finalization, solution proposal, windchill solution development, testing with writing testing cases, deployment, stakeholder approval, release, training and documentation.
- Users, group, context management, support to users on workflow error, CAD data management issues.
- Interaction with all region's key experts, understand the challenges and provide PLM solution by defining methods, procedure, and standards.
- Create ECM reports based on multiple regions CR/CN data using windchill report builder, Excel charts.
- Implementation of Engineering change management process across regions/teams with standard procedures & training support.
- To establish Creo CAD modelling standards using family table, Creo relation, skeleton model, notebook and pro-programming approach.

CAD engineer admin support - Any Other (28 months)

- Support to windchill admin to create subtypes, templates, resolving designers' windchill related issues.
- Responsible for New product design and development - Mechanical Design, Structural load calculations, detailing and manufacturing support.
- Selection of Hydraulic winch, motor, pump, rope, cylinder, valves, fittings and material.
- Presenting and explaining of weekly task progress, output and required input to client.
- Assigned with the responsibilities of creating the Installation, Dimensional Drawings, Main Assembly Drawing, Part Drawings and the complete Bill of Materials for Core Drilling Winch, Water Injection Pump Assembly, Rod rack Assembly and Feed system assembly.
- Assigned to the tasks of CAPA (Corrective and Preventive Action) - Design develop to solve the issues during Assembly and correspondingly drawing updates for future records.
- Responsible for analysing the incoming inquiries from the sales department, and preparing accurate General Arrangement and Layout Drawings.
- Responsible for Structural Design modification of base frames, Tower, mounting frames to withstand maximum load and aesthetic look.
- Under the guidance of seniors establishing the specifications for the material procurement and helping the purchase dept. in developing these new materials.
- Handled the job of preparing and checking the complete Bill of Materials (BOM) of a machine.

Awards

- Establishment windchill change management process in Otis global organization and received appreciation from global Vice president of OTIS. Development of Two drilling Rigs to USA, Africa, and India markets with no field turnback.