



<b>Role Name</b>	<b>Design Engineer - Design and Development(Software)</b>		
<b>Role Description</b>	<b>Conceptualization and development of GUI(Graphical User Interface) system including Installation and Commissioning of systems in AIS Plants</b>		
<b>Role purpose</b>	<b>Undertake Process Concept &amp; initiatives for improvement of Machine Performance</b>		
<b>Document created by</b>	<b>Kuldeep Kaushik</b>		
<b>Responsibilities</b>	<b>KRA (Key Result Areas)</b>	<b>KPI (Key Performance Indicators)</b>	
<b>Heads</b>			
<b>Machine Development Process</b>	Combined work with customers to understand process demands; customers past experience; existing machines problems leading to feasibility of machines.	Machine Actual Performance with respect to Machine Specification Sheet.	
	To generate BOM, Drawing, Schedules of the Machine.	Optimization of Financial, Manpower and Store Resources.	
	In-house development software's of various inspection system and established communication with PLC machine.	Optimization of Process and inspection systems.	
	To Work Trials and Commissioning Runs of System	Commissioning as per Specification Sheet of System.	
	To Monitor and Analyze Commissioned Machine Parameter with Machine Specification Sheet.	Benchmarking with existing Machines in AGC and Specification Sheets.	
<b>Cost Optimization</b>	Identification of Parts and Hardware for low Cost Counterparts.	Cost Reduction	
	In-house Fabrication of some Hardware Parts as well as Utilization of Items from Existing Stocks.	Cost Reduction	
	Identification of New Vendors with New Equivalent Products.	Cost Reduction	
<b>Safety</b>	Of Equipment's & Manpower:- To analyze Safety Hazards in Equipment's as well as Working Place as per Safety Norms.	Safety Patrols and Continuous Awareness regarding Safety Practices.	
		Continuous Training on Safety Norms.	
<b>Plant Support</b>	Coordination and Technical Support to Maintenance and Production in process, equipment troubles and in implementing new solutions.	Gap Analysis	
<b>REQUIREMENTS</b>			
<b>Knowledge</b>	<b>Knowledge of Basic Process, Knowledge of fundamental of Computers, knowledge of software programming language like VB,Visual C/C++ ,JAVA etc. Basic knowledge of PLC, Communication between PC and PLC . Basic knowledge of Camera System(Cognex,Keyence etc.),Optics etc.</b>	<b>Experience (Number of years)</b>	<b>3-5 Years</b>
<b>Skills</b>	Technical, Communication, Managerial	<b>Qualification</b>	<b>Graduate Engineer in CS with more than 70% marks in 10th, 12th and Engineering</b>
<b>INTERACTION</b>			
<b>Internal</b>	<b>Customers</b>	<b>Other External parties/Vendors</b>	
Maintenace,Production	AIS Auto, Float, Arch. SBU's / AGC	Cognex,Keyence,AGC, Fanuc,Mitsubishi,Siemens,Rock well,Menzel,	