ASHISH PANDEY B.Tech. Mechanical

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**CAREER OBJECTIVE** *To pursue my career in the field of Mechanical Engineering, utilize my knowledge, explore new technologies and sharpen*

*my technical as well as managerial skills.*

**PROFILE SUMMARY**

* A result-oriented professional with over 10+ years of experience in:
* **~ Preventive Maintenance ~ Breakdown Maintenance ~ Shutdown Maintenance**
* Well versed in achieving timely project completion & profit and business growth objectives.
* Possess sound knowledge of managing maintenance of various equipment for reducing downtime and enhancing operational.
* Proficient in conceptualizing and completing various operations pertaining to maintenance repair and modification and up-keeping of various process equipment.
* Diligent communicator with strong relationship management, leadership skills & multi-tasking abilities.
* Experience in Installation, pre-commissioning, commissioning & Maintenance of the Plant.
* Proficient in understanding **overall maintenance of refinery**.
* Led team of mechanics to **install and upgrade equipment**, preventive maintenance, troubleshooting and repair of equipment. Ensured documentation for maintenance related items.
* Insightful knowledge of setting up and leading **Root Cause** Analysis and Manpower Planning.
* A keen communicator with honed interpersonal, problem solving and analytical skills.
* Insightful knowledge **Project Management**.
* Successfully completed **Pre-commissioning/commissioning** of **Cracker Furnace** to produce 2TPH Ethylene.
* **Planning and maintenance of** **world’s Largest Off Gas Cracker Unit** having 15KTA Ethylene/Propylene production Unit in Reliance Industries Ltd, Jamnagar Plant.
* **Microsoft Power Bi** to find insights within our organization's data, connect disparate data sets, transform, and clean the data into a data model and create charts or graphs to provide visuals of the data.
* **Microsoft Power app** to quickly build custom business apps that connect to our data stored in various online and on-premises data sources such as SharePoint, Microsoft 365, Dynamics 365, SQL Server, etc.

**ORGANISATIONAL EXPERIENCES**

**Shell India Market Pvt. Ltd. (Chennai) Since June 2020 to Currently working  
 Designation : Sr. Data Process Engineer Total Exp: 03 Years and running**

* **Temporary Change (repair) Management:** Data quality control in MOC, IMS and SAP; 2. Management of removal of temporary repairs with permanent solutions (incorporating risk ranking, likely form MOC, scheduled execution date, and unique locator information – FLOC, Production Unit, System, Train, depending on what is available and consistent with other systems.
* **Qatar Digital development project**: Share activity progress and results acquired over last 6 months of well and reservoir management activity in Peral GTL.
* Update on Peral GTL production and injection performance, reservoir performance and well integrity status.
* Share data and analysis from well surveillance (PLT: NFP1-6, PNX: NFP1-6,1-11A, Corrosion monitoring, Fluid analysis, result from HUD and Annulus samples, High-rate Pearl-1&2 water samples and CL investigations)
* Share status update on ongoing initiatives.
* Inform Qatar Energy North Field team Pearl well and reservoir management accomplishment over last 6 months, progress against surveillance plan including data and analysis results, Pearl GTL production and injection performance, Reservoir performance, well Integrity management and continuous improvement initiatives
* Update on action items from previous workshop and progress against surveillance plan.
* Provide an opportunity to gain Qatar Energy north field Team's feedback on progress and future plans.
* Preparation Report in Power Bi as and when required by Plant Operational.
* Making a global Rotating Equipment Database for the ultimate use of central Rotating Equipment Engineers Team to refresh the current the Current Global Rotating Equipment database with actual current database for use

of contract and procurement and central rotating equipment engineers starting with Gas, Steam Turbine and Pumps and Compressors.

* Conversion of Scotford Refinery Operation Procedures to good Quality Operation Procedures using procedures Accelerator tool developed by Innovatia.
* Maintaining critical Reliability Spares Data in SAP and Sending it to Plant Personal and Maintaining the spares stocks.

**Reliance Industries Ltd. (Jamnagar, Gujarat, India) March 2019 to April 2020   
 Designation : Manager Total Exp: 1.1 years**

* Successfully completed pre-commissioning/commissioning of pilot furnace project designed to produce 2TPH Ethylene with the license of M/S Technip India Ltd.
* Centrifugal/Reciprocating pump commissioning/alignment checking.
* Vessel/column/Heat Exchanger installation and commissioning with Internal inspection and Hydrotest.
* Piping loop checking and releasing for hydrotest after clearing all punch points.
* Hydrotesting of critical valves and various types of Exchangers like overhead air cooler/Spiral type Exchanger/Floating head Exchanger/Shell and tube Exchanger etc.
* Steam blowing to remove impurities from high pressure steam pipelines.
* Piggin of large and small dia pipe to to clean short sections of pipe to remove dirt and other construction debris that may be inside the pipe as the pipeline is being assembled.
* Planning and Execution of work permit system so that all jobs should be done as per plan and with lots of Safety.
* Planning and maintenance of world’s Largest Off Gas Cracker Unit having 15KTA Ethylene/Propylene production Unit.
* Work permit/Work order/spare Management.
* Risk assessment of critical jobs to ensure safe job execution.
* Rescue plan, HITRA Identification and preparation for Confined space entry jobs to ensure safe job Execution.

**Gharda Chemicals Ltd (Chiplun, Maharashtra) Dec 2018 to March 2019  
 Designation : Plant Maintenance Engineer Total Exp: 0.25 Years**

* Planning & executing preventive and corrective maintenance activities.
* Planning & Executing routine Plant Maintenance activity.
* Dealt with carrying out modification work within controlled parameters.
* Managed routine activities such as Plant maintenance and manpower for maximum utilization of resources.
* Promoted safety at workplace to prevent accidents.
* Carried out Overhauling of Centrifugal slurry pumps.
* Involved in modifications for system improvement.

**Jubilant Life Science Ltd (Vadodara, Gujarat) July 2015 to Dec 2018  
 Designation : Shift Maintenance Engineer Total Exp: 3.5 Years   
 Key Result Area :**

* Coordinating with customers and supporting principal engineers in resolving critical customer issues
* Spearheading and executing Manpower Planning and scheduling jobs accordingly
* Managing all the activities related to maintenance
* Framing ISO and other certification related documents
* Performing the activities related to the process of Spares Management
* Planning & executing preventive and corrective maintenance measures
* Analyzing & producing the customer requirements and specifications; recommended modifications
* Conducting Real Root Cause Analysis
* Observing safety manners with regular follow-ups and preparing safety work permit systems
* Identifying and analyzing all major and repeating breakdowns in the system
* Supervising operations related to Maximo – an Engineering Software
* Presenting reports to Head of Engineering and Head of Operations.

**Accomplishment:**

* Completed annual shutdowns of bullets used for storage of Butadiene,Traimethyle Amine and Ethylene Oxide.
* Successfully installed and levelled Glass lined reactors with 16 kl and 8 kl capacity.
* Achieved Overall 4% maintenance downtime reduction through counter-driven maintenance such as TPM, scheduling preventive maintenance, introducing predictive tools, analysis of downtime.
* Successfully completed rotary cooler tube replacement activity (Rotary Cooler dia 1.8 meter with 54 nos tubes & 15 meter length) in dry choline chloride plant.
* Completed six sigma yellow belt project in Dry CC plant which reduce downtime.
* Got Best TPM team Award in Dry CC plant.

**Equipment Preview**

* handling Chemicals: Butadiene, Trimethyl Amine, Ethylene Oxide, Hydrochloric Acid, Styrene, choline dichloroethylene dichloride and Acrylonitrile.
* Pumps: Centrifugal (All Types), Reciprocating, Gear & Diaphragm
* Heat Exchangers: Shell & Tube Type, Single and Multi-Pass.
* Mechanical Seals.
* Gear Box: Worm Gear, Spur Gear and Helical Gear.
* Boilers and steam circuits up to 40TPH and HHP steam having pressure around 108 kg/cm2 and temperature 510 degree centigrade.
* Compressor - centrifugal and reciprocating types.
* Material handling Equipment: En-Mass Conveyor, Slate Conveyor and Screw Conveyors
* Blowers: Fan, Route Blower and Small & Big Air Lock, Regeneration blowers etc.
* Valves: Ball Valve, Gate Valve, Globe Valve, Check Valve, Non-Return Valve, Butterfly Valve, Diaphragm Valve, Strainers etc.
* Reactors: MSGL, SS & MS (with Agitator and Mechanical Seal Facility)
* Special Equipment: Rotary Dryer, Rotary Cooler, Ribbon Mixture, Vibrating Screen, Hammer Mill, Rotary Joint, Universal Grinder etc.

**Aarvi Encon Ltd. 3rd Party for Reliance Industries Ltd (Jamnagar, Gujarat) Jan 2015 to Jun 2015  
 Designation : Mechanical Engineer Total Exp: 0.5 Years**

* Worked for Aarvi Encon Pvt. Ltd in Reliance industries Ltd. Jamnagar, Gujarat from 01 January 2015 to 31 June 2015.
* Worked in shutdown project of DTA-Hydrotreater, Diesel Hydrotreater Plant, vacuum gas oil plant and Crude Distillation Unit.
* Activities: Pre-shutdown activities: Scaffolding Preparation, Thickness survey, hard piping, on line sealing, blind shifting, hot tapping and SAP work permit system work request and Work order tracking, Crane and Lift Assembly etc.
* Shutdown activities: Vacuum distillation and crude distillation column maintenance, installation of flexi and Mella packing specially designed by SULZER LTD, cutting and new installation of shoepentatoer, Maintenance of heat exchangers and condensers-bundle pulling using bundle puller hydro testing of exchangers tube side and shell side etc.

**Omnova Solutions India Pvt. Ltd (Ankleshwar, Gujarat) Sept 2013 to Dec 2014  
 Designation : Graduate Engineer Trainee Total Exp: 1.25 Years**

* Worked in Omnova Solutions India Pvt. Ltd formerly known as Gujarat Apar Polymers Ltd Ankleswar Gujarat

from September 2013 to December 2014.

* Activities: Maintenance of NBR&SBR plant, butadiene storage bullets, SBR dryer plant,NBR dryers plant and powder plant. Maintenance of Pumps, Reactors, Mechanical seals ,vacuum pumps, heat exchangers, vessels, columns, apron and rotary vacuum dryers etc.

**ACADEMIC DETAILS**

* B.TECH. (Mechanical) from Krishna Engineering College, Kanpur in 2013 with 68.55%.
* 12th from N.B.M. School, Gorakhpur ,U.P.Board in 2009 with 69%.
* 10th from N.B.M. School,Gorakhpur ,U.P.Board in 2007 with 66%.

**TRAINING**

* Atended training on People management in Feb-2017.
* Attended training on ISO 9001:2015 in April-2017.
* Attended training on Lean Six Sigma Yellow Belt in July-2017.
* Attended Training on TPM in March-2016.

**IT SKILLS**

* Power BI data visualization tool
* MS Office: Word, Excel & PowerPoint
* Internet Applications and Computer Applications
* Maximo-Engineering Asset management software.
* BAAN an ERP based System.
* SAP for Material management and Maintenance activities.
* Microsoft Power Bi tool for analyzing the data.
* Procedure accelerator tool for converting the procedures into good quality Procedure accelerator format.

**PERSONAL DETAILS**

* Date of Birth : 08-08-1992
* Present Address : 401, New Siddhi Vinyak CHS,Sanghvi Garden, Dombivli , Thane, Maharastra , 421204
* Linguistic Abilities : English, Hindi, Gujarati
* Passport Number : W3689467
* Marital Status : Single
* Notice Period : 3 Months

**DECLARATION**

I hereby declare that all the information provided here is correct to the best of my knowledge and belief and Promise to abide by all the norms laid down by your esteemed organization.

ASHISH PANDEY DATE