

AMARNATH RAUTIYA

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OBJECTIVE: -

Bachelor of mechanical engineering and having **8+ years** of professional experience in the field of Mechanical maintenance, Auto Cad Design, Maintenance Shutdown Project, maintenance services and have performed inspections Petro chemical Industries, refinery Workshops. To obtain a challenging position in an organization, where I can contribute my knowledge, skills, ability and to be a part of team, where I learn, deliver and grow with organization.

EXPERTISE / SKILLS: -

- Skilled at demonstration knowledge and ability to apply industry specifications and standards.
- Expertise in pressure vessels and storage tanks and spherical storage tanks.
- Profound ability to network with industry and trade associations within the static equipment discipline.
- Strong experience in equipment selection, design, testing, fabrication of static equipment.
- Self-Working Experience in Conventional Milling Machine, Lathe Machine, Slot Machine, Motors & Pumps & Auxiliary.
- Maintenance Experience of Heavy Machinery's like Deep Draw Press, Extrusion press, Heavy Cranes, etc.
- Possess basic project management and risk management skills with strong communication and organizational skills
- Comprehensive Knowledge of Extrusion Press, 2500 Ton New Heading Press, Deep Draw Press 250 Ton, Deep Draw Press 400 Ton, Hot and Cold Rolling Mill,
- Computer Knowledge & Management Tools: Operating System's - Windows XP, Windows 7, 8, and 10 Ubuntu, Microsoft Word, Excel, PowerPoint.
- Maintenance of static equipment's, Heat Exchangers.
- Advance Certification Course Piping Design and Drafting (Modelling in Aveva PDMS).
- Design in AutoCAD 2018, CATIA V5R20 & Solid works.
- Confidential Data Management. Planning & organizing.
- Manpower leading.
- Inquisitive & Flexible.

CAREER HIGHLIGHTS: -

Internship: -

INDIAN ORDNANCE FACTORY KATNI, MADHYA PRADESH

Date of joining: November 2013

Role: Graduate Apprentice Trainee Engineer. (Mechanical Engineer)

Duration: 12 Months. (6 Nov 2013 to 6 Nov 2014)

Work Experience: -

✓ ENGINEERS UNITED INDUSTRIES JABALPUR, MADHYA PRADESH

Role: Mechanical Maintenance Engineer, And AutoCAD Design Engineer

Duration: 16 months. (1 Dec 2014 to 31 March 2016)

✓ PETRON ENGINEERING CONSTRUCTION LIMITED

Client: BPCL – Bina Refinery, Bina, Madhya Pradesh

Role: Mechanical Engineer

Duration: 9 months. (04 April 2016 to 28 Jan 2017)

✓ JECON ENGINEERS PRIVATE LIMITED

Client: HPCL Mumbai

Role: Mechanical Engineer

Job: - static equipment

Duration: 8 months. (06 February 2017 to Tuesday, 31 October 2017)

✓ THE 7TH GALAXY INDUSTRY DELHI.

Role: Mechanical Design Engineer

Job: - Maintenance & AutoCAD Design

Duration: 18 months. (10 Feb 2018 to 31 Aug 2019)

✓ XIAOMI TECHNOLOGY INDIA PRIVATE LIMITED

Role: Marketing & Sales

Job: - Executive Sales

Duration: 35 months. (25 Jan 2020 to 24 Dec 2022)

✓ INDUSPECT INDIA PRIVATE LIMITED

Client: Reliance Industries Limited, Jamnagar, Gujarat

Role: Mechanical Maintenance Engineer

Job: - Static Equipment's, Heat Exchangers, Pressure Vessels

Duration: (23 Aug 2023 to 15 November 2023)

✓ **QUESS CORP LIMITED**

Client: Birla Opus, Grasim Industries Limited (Birla Paints Division)
Ludhiana, Punjab.

Role: Lead Engineer

Job: - Static Equipment's, Heat Exchangers, Rotary Equipment's, Pumps

Duration: Present (20 December 2023 to till date)

Job Responsibilities and Contribution: -

- Administered mechanical project teams and outlined the scope of work.
- Managed equipment requisitions.
- Outlined technical evaluations of incoming quotations.
- Analyzed drawings and test procedures as well as maintained project quality system.
- Reviewed design integrity of work.
- Assured proposed solutions were technically sound.
- Aided with fabrication and installation of static equipment.
- Developed procedures for static equipment testing installation, commissioning and startup.
- Designed, tested, fabricated, installed, commissioned and operated static equipment associated with the Oil & Gas Industry.
- Developed detailed equipment specifications for pressure vessels, heat exchangers, fired heaters, storage tanks, and utility systems.
- Supervision monitoring & coordinate of all shutdown activities, which include maintaining, inspection and testing of gas plant.
- MOC – Management of Change, project development issuing procedures and implementation supervise.
- Site details modifications and P&ID revision to eliminate faults in accordance with client requirements.
- Coordinate and liaising with owner/client for shutdown preparation and activities.
- Close supervision, coordinating and extraction of U tube and straight Tube bundle of exchanger using bundle puller.
- Attended several Units shutdowns In Refinery
- Inspection of U bundle for corrosion and witness NDE Examination where required, overall, service and inspection of static equipment Maintenance of all major static equipment is like Heat exchanger, Reformer, Columns, pressure vessels.
- Maintenance of high-pressure shell and tube heat exchanger involving cleaning of fouled tubes with the help of high pressure
- Pressure pump/water jetting up to 20,000-psi pressure with the help of power lance and with the help of hydrokinetic method.
- Hydro testing for high-pressure vessels, shell and tube heat exchanger.

- Supervision of scaffolding erection for safe use.
- Final hand over of shut down activities and documents to the superior/client.
- Perform distillation, maintenance and repair of Mechanical equipment.
- Perform redroot cause of equipment failure and provided corrective action.
- Maintenance of Mechanical Machines, check Machines work smoothly without any external problems, check oil indicator level etc.
- 2-D Design in AutoCAD and surface design in CATIA.
- Liaise with clients and their representatives, including attending regular meetings to keep them informed of progress.
- Plant proper utilization of Manpower & Tools-Tackles.
- Coordinate with consultants, sub-contractors, planners, quantity surveyors, and the general workforce involved in the production and maintenance.
- Oversee quality control and safety matters on the industry and ensures that regulations are observed.
- Resolve any unexpected technical difficulties and other problems that may arise.
- Engage in Billing, planning, cost estimation, budgeting, material procurement and scheduling.
- Prepare monthly invoices for the work executed.
- Accompany surveyors daily for measure meetings.

Academic Profile: -

Qualification: -

- ✓ B.E in Mechanical Engineering from Indira Gandhi Engineering College (IGEC, SAGAR) affiliated to Rajiv Gandhi Pradyogiki Vishwavidyalaya, Bhopal with aggregate percentage of 58.88% in year 2012
- ✓ 12th from Diamond English Medium High Sec. School Katni (M.P. Board) in year 2005
- ✓ 10th from Kendriya Vidyalaya Ordinance Factory School Katni (C.B.S.E Board) in year 2003.

Projects undertaken:

- ✓ Minor Project "Project Report on ISO 9001:2008 Institutions in Sugar M.P " in the Guidance of Mr. R. S Rawat Sir.
- ✓ Minor Industrial Training in Bhilai Steel Plant, Bhilai (C.G.)
- ✓ Major project: " Project Report on Various Types of Gears Systems " in the Guidance of Mr. S. K Saluja Sir.
- ✓ Major Industrial Training in Indian Ordinance Factory Katni, (M.P)

- ✓ AutoCAD Training from Indo- German Institute Crisp Bhopal (M.P).

Piping Certificate and Advance Courses

Sofcon India Pvt. Ltd. Noida (04 Nov 2017- 04 Feb 2018)

Auto-cad

2-D Design and Basic Designs 3-D Design

Isometrics

Piping Basic Designs

Power Plant and Process Plant Basic Design Study of Codes and Standers

Detailed Study of Piping and Piping Components

Detailed Design Study of Pipe Value, Support, Fitting and Flange Mechanical and Process Equipment Terminology

Abbreviation and Process Study of Line Diagram

PDMS Modelling

Equipment Modelling Piping Modelling Draft Modelling Isometric Modelling Structural modelling

Personal Profile:

Brief Profile: I am a disciplined person with cooperative nature and Progressive approach.

Strengths: Grasping power, Adaptability & Result orientation

Date of Birth: 07-july-1986.

Languages Known: Hindi & English.

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Date: / 01 / 2024

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