

Advt. No.: RKCE/07/2024



R. K. Casting &  
Engineering Works

Phone Number: - +91 6204583192

Mail ID: - hr@rkcasting.com

## R.K. CASTING & ENGINEERING WORKS

Link for Online Application Will Be Available From: **30-09-2024, 08.30 AM**

Closing Date of On-Line Application: **10-11-2024, 5.30 PM**

This company invites applications from eligible candidates who fulfill our JD parameters for permanent position. (Mode of interview offline)

### Chemist

**Our Expectation:**

*For a chemistry job in a foundry shop where the primary responsibility is to determine the chemical composition of metals using manual techniques (without the use of spectrometers or digital equipment), the following roles and responsibilities would be typical:*

**Experience:** 8 - 10 Years

**Age:** 30-50 years

**Location:** Dhanbad, Jharkhand

**Skills & Qualifications:**

- A degree or diploma in chemistry, materials science, bachelor of science (BSc) courses in chemistry or a related field.
- Proficiency in manual analytical techniques, particularly wet chemistry methods.
- Strong understanding of chemical reactions and manual laboratory techniques.
- Attention to detail and accuracy in conducting and recording experiments.
- Ability to work in a team-oriented environment and communicate effectively with other departments.

**Functional Area:** Chemist

**Sellery:** Rs- 15,000/- to Rs- 20,000/-

**Job Responsibilities:**

**1. Classical Chemical Analysis (Wet Chemistry):**

- Perform wet chemical analysis to determine the chemical composition of metal samples. This involves manual titrations, gravimetric analysis, and colorimetric methods to identify and quantify elements.
- Utilize acid-base titration to measure the concentration of specific elements, such as determining the amount of carbon in steel by measuring the carbon dioxide released when the sample is treated with acid.
- Use precipitation reactions to separate and quantify different metals in a sample by forming insoluble compounds that can be weighed.

## 2. Sample Preparation:

- Prepare metal samples by cutting, grinding, and polishing to obtain a representative sample for analysis.
- Perform acid digestion of metal samples to dissolve the metal into a solution for further chemical analysis.
- Handle and measure chemicals accurately, ensuring that samples are prepared consistently for reliable results.

## 3. Qualitative Analysis:

- Conduct qualitative tests, such as flame tests or spot tests, to identify the presence of specific elements based on their characteristic reactions or colors.
- Utilize manual separation techniques, such as filtration, distillation, or extraction, to isolate specific components of the metal sample for further analysis.

## 4. Quantitative Analysis:

- Perform volumetric analysis (titrations) to determine the exact concentration of elements such as iron, copper, or zinc in metal samples.
- Use gravimetric methods to measure the mass of an element or compound after precipitation, drying, and weighing, which allows for the precise determination of its quantity in the sample.

## 5. Documentation & Reporting:

- Accurately record all procedures, measurements, and results manually in laboratory notebooks.
- Prepare detailed reports on the chemical composition of analysed metal samples, including calculations and interpretations of the results.

## 6. Quality Control:

- Regularly check the composition of metals during different stages of production to ensure they meet required specifications.
- Verify the purity of raw materials before they are used in the foundry process.

## 7. Safety & Compliance:

- Handle chemicals and reagents safely, following proper protocols to prevent accidents, contamination, or chemical spills.
- Ensure compliance with all safety regulations and proper disposal of chemical waste.

## 8. Collaboration:

- Work closely with metallurgists and production teams to provide insights based on the chemical analysis.
- Participate in troubleshooting and problem-solving if the chemical composition of metals does not meet required specifications.

## 9. Training & Development:

- Stay updated on the latest developments in chemical analysis techniques and metallurgical processes.

### Work Environment:

- The role involves working in both laboratory and industrial settings, with exposure to high temperatures, heavy machinery, and potentially hazardous materials. Safety protocols and protective equipment are essential.

### Why Join Us?

- **Innovative Environment:** Be part of a forward-thinking company where your ideas matter.
- **Career Growth:** Opportunities for professional development and advancement.
- **Dynamic Team:** Collaborate with a passionate and diverse group of professionals.
- **Competitive salary and benefits package:** (PF/ESI+ Insurance + Allowances + Traveling Allowance + Performance-Based Incentive + Bonus).

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### Office Staff

**Our Expectation** : Are you organized, detail-oriented, and passionate about contributing to a dynamic team? We're looking for a dedicated Office Staff member to join our company and support our daily operations.

**Experience**: 2 – 5 Years

**Age**: 20-40 years

**Location**: Dhanbad, Jharkhand

**Education**: Graduate or Technical Background (Preference for Computer Science Degree Holders/B.Tech/Diploma).

**Industry Type**: Manufacturing

**Functional Area**: Documentation Work & Computer Knowledge.

**Sellery**: Rs- 12,000/- to Rs- 15,000/-

#### Job Description:

Required Tender executive office staff:

- Excellent written and verbal communication skills in English.
- Vast knowledge on Microsoft Package and user friendly on internet.
- Managing daily office operations, including correspondence, scheduling, and file management.
- Clarification of bid conditions and management of the tender preparation.
- Monitoring of the bid management in order to ensure it is aligned with the organization's requirements.
- Contribution in cost and price calculations.
- Coordination of tender reviews and deadlines and adjust them to the frameworks given by the customers.
- Strong time-management and organizational skills.
- Ability to coordinate several tasks at the same time.
- Problem-solving skills with Creative and innovative thinking.
- Maintain office supplies inventory and place orders when necessary.
- Assist in preparing reports, presentations, and other essential documents.
- Knowledge of "back-office" computer systems (ERP software).
- Handling incoming calls and other communications.

#### What We Offer:

- Competitive salary and benefits package (PF/ESI+ Insurance + Allowances + Traveling Allowance + Performance-Based Incentive + Bonus).
- Opportunities for professional growth and development.
- A collaborative and supportive work environment.
- The chance to be part of a company that values innovation and teamwork.

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### Account Manager

**Experience:** 10 - 15 Years

- Experience in account management or a related field)
- Knowledge of the machining and casting industry is a plus point. ( If Any )

**Age:** 25-40 years

**Location:** Moonidih Putki Dhanbad, Jharkhand (828129)

**Industry Type:** Manufacturing

**Functional Area:** Accounting Manger

**Sellery:** Rs- 20,000/- to Rs- 25,000/-

**Qualifications:** LL.B/B.Com/ M.B.A : Master of Business Administration (Finance)/ M.Com, Masters in Commerce (Finance& Taxation)/ Diploma in financial accounting (If any).

#### Job Description:

Required Accountant Manager:

- Excellent in English Communication and Interpersonal Skills
- Strong sales and negotiation skills
- Ability to understand customer requirements and provide appropriate solutions.
- Ability to work independently and as part of a team.
- Proficiency in Microsoft Office and CRM/ Tally Prime software
- Verification and entries of All Purchased/ Sales Invoice, Journal and Other day to day accounting Operations.
- Preparation and Verification of Operations i.e. Production, Sales, Purchased, Inventory, Incoming/ Outgoing.
- Day to Day dealing with Banks.
- Maintenance of Stock Records.
- Account Payable Control and Follow-up with purchase Team for Timely reconciliation of books with Suppliers.
- Sending follow-up email and making calls for payment update
- Monthly dealing with Local consultants for Compliance.
- Daily Cash Handling and Preparation of Cash Flow and Fund Flow.
- Preparation P&L, Balance Sheet and Cash flow & fund flow statement
- Vendors of monthly report & vendor files
- GST Return & Preparation GST Reports & TDS Reports
- Knowledge ITR Filling & TDS also knowledge of PF & ESI Filling
- Statutory Audits, Tax Audits and Internal Audits.
- Cash flow & fund flow statement & Make Journal entries on the Quick Book
- Online E Road Permit. (E-Way bill)

#### What We Offer:

- **Competitive salary and benefits package:** (PF/ESI+ Insurance + Allowances + Traveling Allowance + Performance-Based Incentive + Bonus).
- **Innovative Environment:** Work with a team that values creativity and forward-thinking.
- **Professional Growth:** Opportunities for career development and continuous learning.
- **Collaborative Culture:** Join a supportive team that values diverse perspectives and teamwork.

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### Workshop Manager

**Our Expectation:** As Workshop Manager, you will be at the heart of our operations, overseeing the day-to-day activities of our workshop. You will ensure projects/order are completed on time, within budget and to the highest quality standards. Your leadership will be vital in maintaining a safe, efficient, productive environment and Excellent communication skills at all levels with motivational power and leadership quality.

**Experience:** 10 - 15 Years (Or retired person from any Government Organization or Manufacturing Industries)

**Age:** 30-50 years

**Location:** Dhanbad, Jharkhand

**Education:** B.E/ B.Tech or Diploma in Mechanical/Metallurgical or Foundry Technology Degree Courses or Technical Knowledge: Strong Understanding of [Industry-Specific Tools, Machinery, or AutoCAD Software].

**Functional Area:** Casting and Machining

**Sellery:** Rs- 18,000/- to Rs- 27,000/-

#### Job Description:

Required workshop Incharge:

- Excellent interpersonal and communication skills
- Good team player with can do attitude, integrity, interpersonal, organization and time management skills.
- Management Experience.
- Prod. planning & contribution of work to Labor as per his standard.
- Report on workloads, participating in project reviews and giving advice to concerned person.
- Having Good experience with machining, Casting and fitting techniques.
- Coordination for Purchasing and ordering of supplies and consumables.
- Quality check of casting production and able to read AutoCAD Drawings
- Responsible for Workshop & Yard safety compliance.
- To ensure that production and productivity are maintained in accordance with work schedules.
- Research and advice regarding induction furnace casting related to metallurgical field and also heavy-duty machining job work.
- Identify the working review and provide staff training opportunities in liaison with Safety & Training.
- Management of day to day troubleshooting decisions and actions within area of Production responsibility.

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### Metallurgist

**Our Expectation:**

*The Metallurgical Engineer is responsible for designing, developing, and optimizing metal alloys and compositions to meet specific mechanical, chemical, and physical property requirements. This role involves conducting research, testing materials, and working closely with production teams to ensure that the metal compositions are suitable for their intended applications. The metallurgist also troubleshoots production issues related to metal properties and advises on the best practices for metal processing and heat treatment.*

**Experience:** 10 - 15 Years Previous experience in metallurgical research, alloy development, or a related role in an industrial setting is preferred.

**Age:** 30-50 years

**Location:** Dhanbad, Jharkhand

**Education:** Bachelor's or Master's degree in Metallurgical Engineering, Materials Science, or a related field.

**Functional Area:** Metallurgical Engineer / Metallurgist

- **Technical Skills:** Proficiency in metallurgical analysis techniques, material testing equipment, and alloy design software.
- **Analytical Skills:** Strong problem-solving skills and ability to analyse complex data to draw meaningful conclusions.
- **Communication:** Excellent written and verbal communication skills for technical reporting and collaboration with cross-functional teams.
- **Attention to Detail:** High level of precision and attention to detail in all aspects of alloy development and testing.
- **Innovation:** Ability to think creatively and develop innovative solutions for challenging metallurgical problems.

**Sellery:** Rs- 18,000/- to Rs- 27,000/-

**Job Description:**

Key Responsibilities:

1. **Alloy Design and Development:**
  - Develop new metal alloys and compositions tailored to meet specific performance criteria, such as strength, durability, corrosion resistance, and workability.
  - Conduct research on the properties and behaviour of different metals and alloys to create innovative solutions for industrial applications.
  - Use simulation software and metallurgical principles to model and predict the behaviour of new alloys under various conditions.

2. **Material Testing and Analysis:**

- Perform metallurgical analysis and testing of metals and alloys to assess their properties, including tensile strength, hardness, toughness, and thermal stability.
- Utilize techniques such as microscopy, X-ray diffraction (XRD), and spectroscopy to analyse microstructures and phase compositions.
- Conduct failure analysis to identify the root cause of metal failures and recommend corrective actions.

3. **Process Optimization:**

- Collaborate with production teams to optimize metal casting, forging, and heat treatment processes.
- Provide technical guidance on the best practices for metal processing to ensure the desired material properties are achieved.
- Develop and refine manufacturing processes to improve product quality and reduce costs.

4. **Quality Assurance:**

- Establish and maintain quality control standards for metal compositions and production processes.
- Ensure that all metal products meet industry standards, customer specifications, and regulatory requirements.
- Monitor and control the chemical composition of metals during production to maintain consistency.

5. **Troubleshooting and Problem-Solving:**

- Address and resolve issues related to metal properties, such as cracking, warping, or inconsistencies in alloy composition.
- Provide expert advice and solutions for improving the performance and reliability of metal components.

6. **Documentation and Reporting:**

- Prepare detailed technical reports on alloy development, testing results, and process improvements.
- Maintain accurate records of experiments, tests, and production trials.

7. **Research and Innovation:**

- Stay updated with the latest advancements in metallurgy and materials science.
- Participate in research projects aimed at developing new materials or improving existing metal compositions.

**Work Environment:**

- The role involves working in both laboratory and industrial settings, with exposure to high temperatures, heavy machinery, and potentially hazardous materials. Safety protocols and protective equipment are essential.

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