

Fluid Management_Operator_Rolling Mills

Aliases: Rolling Mills Operator

Industry/Sector(s): Iron and Steel

JOB DESCRIPTION ¹

The tasks a Fluid Management Operator: Rolling Mills is expected to perform include:

- Preparing, supplying, collecting, evaluating and operating fluids connected with rolling operation in steel plant
- Ensuring the right quality and quantity of the fluid
- Operating the fluid system and managing its inventory
- Maintaining waste fluid disposal and taking care of basic maintenance activities associated with maintaining the system
- Collecting samples of both process, fluids and product in order to assess mill performance and stability of the process along with in-process product quality
- Managing the entire fluid system in rolling mills
- Maintaining and monitoring the relevant parameters and re-circulation of fluids
- Managing the incoming supply of fluid and disposal of waste process fluid for treatment
- Practicing health, safety and security measures
- Understanding the risks and hazards in the workplace, along with common techniques to minimize risk, dealing with accidents, emergencies, etc.

WORK ENVIRONMENT ¹

- It is not a desk job
- Need not handle a team
- Local travelling is not a part of this job role
- Part-time work and contractual jobs maybe available
- Work from home option is not available

Working hours

- Companies usually work for 5/6 days a week and 8/9 hours everyday. This may vary from company to company
- Shift system maybe available

Is the job suitable for a candidate with special needs?

No

EDUCATIONAL QUALIFICATIONS AND TRAINING ¹

- Minimum – 12th pass Class XII (Science) Pass
- Certified training for Fluid Management Operator: Rolling Mills (programme aligned to ISC/ Q0603 released by Indian Iron & Steel Sector Skill Council)

KEY COMPETENCIES ¹

- Knowledge of maintaining job specified documents
- Knowledge of the safety policy of the company, especially related to the fluids being handled and the associated hardware
- Skilled in testing techniques for sample analysis (like pH, conductivity, emulsion stability, iron content, oil concentration, soot deposition, etc.)
- Knowledge of flow diagram of fluid system for the individual process
- Skilled in making notes on any deviation from desirable specifications of emulsions or tanks
- Skilled in prioritizing and executing tasks within the scheduled time limits
- Skilled in reading gauges, handling all relevant machines, valves and equipment according to the process chart and/or control plan
- Knowledge of safe operating procedure as well as standard practice instructions relating to the roll coolant/emulsion handling system
- Knowledge of safety measures to be followed and importance of using protective clothing/equipment while working
- Skilled in using devices used in case of a hazard or emergency

DESIRABLE COMPETENCIES ¹

- Training in Analytical Chemistry techniques for the laboratory job of testing samples
- Training in general safety practices and procedures
- Training in hazards associated with handling various chemicals

AVAILABLE SKILL TRAINING AND LEARNING INSTITUTES

Government and private institutes across India

AVAILABLE SKILL TRAINING SCHEMES/SCHOLARSHIPS ¹

Coming soon

SAMPLE OF TRAINING AND LEARNING COURSES

CAREER PROGRESSION PATH ¹

Helper → **Fluid Management Operator: Rolling Mills** → Process Supervisor → Plant Supervisor → General Manager

Transfer option

- India: Yes
- Abroad: No

(*This field to open the relevant job title when clicked)

EXPECTED EARNINGS ⁴

For freshers - ₹ 8,000 to ₹ 16,000 per month

(These figures are indicative and subject to change)

REQUIRED WORK EXPERIENCE ¹

- Not required
- In lieu of minimum qualification, the candidate should have 2 years of relevant work experience under an experienced supervisor

PROBABLE EMPLOYERS ¹

- Iron and steel manufacturing companies
- Alloy manufacturers

PEOPLE'S CORNER

Coming Soon

KEYWORDS

- Rolling Mills Fluid Management Operator
- Rolling Mills Operator

OCCUPATIONAL CODES AND STANDARDS

| Standard | Code | Description |
|--------------|-----------|---|
| NCO 2015 | 3135.2001 | Fluid Management_Operator_Rolling Mills |
| ISCO 2008 | 3135 | Metal Production Process Controllers |
| NIC 2008 | 24105 | Manufacture of hot-rolled and cold-rolled products of steel |
| QP Reference | ISC/Q0603 | Fluid Management_Operator_Rolling Mills |
| NSQF | NA | NA |

REFERENCES

| | |
|---|---|
| 1 | http://nsdcindia.org/sites/default/files/files/Fluid%20Management%20Operator%20Rolling%20Mills_V050115.pdf |
| 2 | http://socialjustice.nic.in/policiesacts3.php |
| 3 | http://www.advocatekhoj.com/library/bareacts/factories/index.php?Title=Factories%20Act,%201948 |
| 4 | http://www.shine.com/jobs/wanted-cnc-heavy-duty-machine-operators/victory-placement-services/3304541 |
| 5 | http://steel.gov.in/overview.htm |
| 6 | www.censusindia.gov.in |