

We are on a journey of cultural transformation, focused on people, and seeking to enhance diverse talents. Shall we do this together?

**Join our diverse team.**



Position:

## **Automation Engineer**

Work Location: **Sorowako**

**For National Recruitment**

### **Purpose of the Role**

To do automation technical supports, automation studies, and automation projects across Process Plant Department to solve problems, to sustain performance, or to realize improvement initiatives in safe, time-efficient, cost-efficient, workforce-effective, target-oriented, and quality-oriented manners.

### **Accountabilities:**

1. Do automation technical supports for Process Plant Operation Groups, Process Plant Maintenance Groups, Process Plant Engineering Group, and Capital Project Management Group to solve problems and to sustain performance in safe, time-efficient, cost-efficient, workforce-effective, target-oriented, and quality-oriented manners.
2. Conduct program development for junior Engineer and maintenance crews to improve their knowledge by providing sharing/tutorial hands-on or knowledge presentation that is share in the class.
3. Conduct automation studies in small scale to make automation improvement initiatives feasible and to complete FELs 1 – 3 requirements for capital project in safe, time-efficient, cost-efficient, and quality-oriented manners and Act as project engineer or project automation design engineer for automation projects to execute these automation projects with referring to PT Vale Indonesia Tbk (PTVI) project delivery system.
4. Lead a small team in the project/task during project execution phase (construction, commissioning and startup).
5. Develop process safety assessment required by project/task such as Risk Assessment, Hazard and Operability Study (HAZOP), Job Safety Analysis (JSA), Stop Work Authority (SWP), Hazard Identification and Risk Assessment (HIRA), Layer of Protection Analysis (LOPA) and etc.
6. Update PTVI Operational Technology (OT) documents and standards to keep those documentations up-to-date, and Execute Vale Global OT standards implementation on PTVI OT standards to realize the results of collaboration with Vale Global OT Team.
7. Execute automation section's annual safety program in his/her work to prevent incident/accident from happening and to achieve compliance with safety effectiveness/improvement program of Energy-Logistic & Mining Department.
8. Execute automation section's annual personnel development program assigned to him/her to achieve automation personnel competencies and to support career and succession plans and to keep personal automation technical expertise up-to-date to be able to technically perform



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his/her works and to be able to properly act as automation technical advisor for Energy-Logistic & Mining Management.

### Technical Specializations:

1. Familiar with Automation Functional Description and control system international standard (National Institute of Standards and Technology (NIST), International Society of Automation (ISA), etc.)
2. Design and implement Network and Infrastructure solutions/architecture for Automation/Operational Technology Systems
3. Mandatory deep knowledge of Automation Server-Client System
4. Familiar with Automation Process Control Network
5. Mandatory knowledge in Automation supporting Software Applications (Human Machine Interface, Network System, and Automation DC Status Monitoring)
6. Knowledge in Industrial Internet of Things (IIoT) configuration and implementation (Preferable)
7. Automation Infrastructure System Conceptual Design (Preferable)

### Requirements:

- Mandatory bachelor's degree/S1 in Information Technology, Informatics Engineering, Information Systems and Computer Science
- Hold Cisco Certified Network Associate certification (CCNA)
- Data Center Virtualization Specification (VCP)
- Minimum 4-5 years experiences in a field of automation infrastructures or related field.
- POP certification/POP refreshment/K3 Workshop (preferable)
- Profesi Insinyur Indonesia (PII) member is preferable
- Fluent in English both written and verbal
- Preferably have experience or knowledge in the Occupational Health, Safety and Environment Management System (SMK3L)

### Terms and Conditions:

- Please submit your application to [https:// s.id/ToQxn](https://s.id/ToQxn)
- Closing date (inclusive) is on **August 3, 2025**.
- Only applicants that meet requirements with complete documents as required above will be notified for further selection process.
- We support diversity and inclusion in the workplace; therefore, we invite prospective female workers to apply for this position.
- **Be careful with fraud, PT Vale Indonesia Tbk posts job vacancies information only to trusted third parties by including clear and detailed information, including invitations to the next stage via email with @vale.com domain. We do not collect any fees from prospective employees, neither money transfer nor cash.**
- For further information about PT Vale Indonesia Tbk, please visit <http://vale.com/indonesia>.



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