Production line worker

Operates and monitors modern machinery, automated systems and digital tools to keep production safe, precise, efficient and sustainable.



REQUIRED COMPETENCES

Score out of 10 · highlighted bars mark the top score (8)

Human-centric collaboration skills 8
Constant teamwork and clear communication

Green skills and sustainability awareness 6
Sustainability practices in the workplace

Digital fluency and critical thinking 6
Regular use of digital and automated systems

Logic thinking and problem-solving 7
Identification of issues in the processes

Adaptability and resilience 8
Constant change and production pressure

Emotional intelligence and empathy 6
Maintaining positivity and respect in a demanding environment

Multicultural teamwork and conflict management 6
Skills are recruited globally, increasing the need for international collaboration

Creativity and innovation 5
Basic improvement of daily tasks

Digital ethics and responsibility 5
Keeping up with national and EU regulations

Ethical awareness and professional responsibility 8
Strong responsibility for safety and quality

DAY-TO-DAY TASKS

1. Operating production equipment
2. Monitoring quality and performance
3. Responding to process disturbances
4. Following safety and work instructions
5. Coordinating tasks with the production team

CHALLENGES

1. High work pace and time pressure
2. Repetitive tasks and physical strain
3. Dealing with unexpected disruptions
4. Adapting to new technologies and processes

CAREER OPPORTUNITIES

Step up
Machine operator
Maintenance technician
Quality controller
Production team leader

Longer term
Specialised technical positions
Supervisory roles
Coordination roles

Upskill in
Automation
Digital systems
Safety

Industry 5.0 links
Smart technologies
Sustainability
Human-machine collaboration

ALIGNMENT WITH PROCESS INDUSTRIES

Fits 6 of 8 sectors

- ✓ Chemical & petrochemical
- ✓ Pharmaceuticals
- ⊖ Petroleum refining: no
- ✓ Mining & metal production
- ✓ Mineral & material industries
- ✓ Forest industries
- ✓ Food & beverage
- ⊖ Utilities: no

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Lead partner for this avatar: **TRE**

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