

RIZKI MUHAMMAD ZAFRIAL

PHARMACIST | STERILE PHARMACEUTICAL PRODUCTION SPECIALIST



PROFILE

Experienced Pharmacist with strong expertise in sterile pharmaceutical production and process supervision. Proven track record improving OEE, implementing data integrity practices, optimizing production capacity, and delivering measurable cost savings through process improvements and team leadership.



EDUCATION

Pharmacist Profession	2019-2020
Institut Teknologi Bandung	
Bachelor of Pharmacy	2015-2019
Universitas Padjadjaran	
Senior High School	2012-2015
SMAN 4 Bandung	

CONTACT

- 085793531535
- rizkizafrial@gmail.com
- Bandung, 30 Juni 1997



WORK EXPERIENCE

PT. Dankos Farma 2022 - PRESENT

Production Supervisor

- Prepare daily production schedules to meet targets based on capacity meeting outcomes.
- Ensure daily production follows the schedule through OEE monitoring.
- Coordinate with other departments to ensure smooth daily production operations.
- Create monthly maintenance schedules for machines and utilities.
- Perform routine qualification of production machinery.
- Monitor production line expenses.
- Lead and direct the team to implement process improvements.
- Review production batch records.
- Conduct investigations when deviations occur and analyze root causes to prevent recurrence.
- Perform aseptic audits of operators working in sterile areas to ensure correct aseptic practices.

PT. CKD OTTO Pharmaceuticals 2020 - 2022

Production Staff

- Ensure production processes run according to the established schedule.
- Review production batch records.
- Ensure production is carried out in accordance with established procedures.
- Operate machines to run production processes.
- Implement improvements in the work area.
- Coordinate with other departments to ensure smooth daily production operations.



ACHIEVEMENTS

PT. Dankos Farma 2022 - PRESENT

Production Supervisor

- Improved OEE in the packaging process by eliminating Pareto line stops in the labeling process.
- Increased OEE 365 by reducing ODT during SUCU in the secondary packaging area.
- Enhanced data integrity implementation across sterile production facilities by introducing a cleanroom paper system to uphold data originality principles.
- Improved data integrity compliance by conducting machine risk assessments in production facilities and setting maximum allowable time differences on machines to align with contemporaneous record-keeping principles.
- Reduced EM TMS in sterile production facilities through process improvements and monitoring.
- Increased filling area production capacity through process balancing (cost saving IDR 450,000,000 per year).
- Reduced overtime expenses (saving IDR 72,000,000 per year).
- Increased process yield in the inspection area (cost saving IDR 340,000,000 per year).
- Reduced tools and supplies expenses by diversifying disinfectant solutions and extending fumigation durations (saving IDR 178,000,000 per year).
- Reduced potential mix-ups by implementing poka-yoke with an ampoule ring ID camera read at each production step.
- QCC Finalist twice (2023 and 2025).

PT. CKD OTTO Pharmaceuticals 2020 - 2022

Production Staff

- Improved production yield in mixing and filling areas with cost saving of IDR 125,000,000 per batch (estimated IDR 12,000,000,000 per year).
- Mastered technical operation of all production machines including autoclave, washing, mixing, filling, freeze-dry, capping, external washer, and labelling.
- Reduce reject capping caused by the flip off getting stuck which causes the vial not to cap



CORE SKILLS

- Sterile manufacturing & aseptic practices
- Production planning & OEE monitoring
- Batch record review & GMP compliance
- Root cause analysis & investigations
- Machine qualification & maintenance planning
- Process improvement / cost-saving initiatives
- Cross-functional coordination & team leadership
- Data integrity