



M. Emre TURKOGLU

Mechaical Engineer

About Me


As an engineer specialized in process analysis, operational efficiency, and standard production methods, I actively take part in time studies, lean manufacturing, and process improvement projects. After completing Model Factory Training in 2018, I strengthened my knowledge of lean manufacturing and began to further develop my career in this field.

Thanks to my team management experience, I effectively ensure coordination between the field and the office, and I lead projects with strong focus and direction. By always considering key principles such as quality, occupational health and safety, and sustainability, I focus on designing efficient and effective production processes and adding value to companies.



Contact

 +90 555 549 49 64

 turkoglu.ee@gmail.com

 Sincan Ankara



Skills

- Solidworks
- Autocad
- Mastercam
- ANSYS
- SAP MM / PP
- Mini Tab
- MS Project
- MS Office
- Lean Manufacturing



References

- CENGİZ ENSARI
PFIFNER – CEO
+90 533 293 31 03
- ESMA ÖZDOĞAN
ARMTEK – GMY
+90 535 526 07 11



Languages

- English B1



Education



(2002 – 2006)

İZMİR MOTOR TEKNİK LİSESİ



(2010 – 2012)

DOKUZ EYLÜL ÜNİVERSİTESİ

Ön Lisans - Makine Teknikerliği



(2012 – 2015)

BAŞKENT ÜNİVERSİTESİ

Lisans - Makine Mühendisliği



(2026 – 2027)

HACETTEPE ÜNİVERSİTESİ

Yüksek Lisans - Endüstri Mühendisliği -
Mühendislik Yönetimi



Experience



(2024 -

Senior Methods & Process Engineer

ASTOR ENERJI

- Analyzed existing operations in energy generation and distribution, developing projects to improve operational efficiency.
- Designed new workflows using lean manufacturing and continuous improvement techniques, minimizing time and resource waste.
- Created Standard Operating Procedures (SOPs) for critical production processes, ensuring field teams adhere to standards.
- Managed process design, time studies, and production documentation for newly commissioned power plants and energy units.
- Identified process bottlenecks and implemented efficiency solutions in coordination with maintenance, planning, and production teams.
- Planned daily and weekly task allocation for field teams, ensuring timely achievement of goals through coordination with technical teams.
- Provided technical support for equipment selection, commissioning, and performance monitoring in energy facilities.
- Monitored production and maintenance processes for quality management system compliance, proposing improvements as needed.
- Coordinated with engineering, procurement, and operations teams to ensure process commissioning aligned with project timelines.
- Conducted KPI-based performance analyses to increase process measurability and delivered periodic reports to management.

(2023 – 2024)

Senior Production & Process Engineer

ALFANAR – SFA ELECTRIC

- Planned production lines based on forecast data, optimizing capacity calculations and station numbers, resulting in a 15% increase in line efficiency.
- Implemented the Kanban system to improve production flow and standardize processes, reducing material handling delays by 20%.
- Organized personnel training after new line installations and led cultural transformation initiatives, achieving faster adoption of new workflows.
- Conducted lost time analyses to identify bottlenecks and coordinated corrective actions with teams, reducing downtime by 12%.
- Developed documentation and systems for productivity tracking, delivering regular reports to management that enabled data-driven decisions.
- Prepared Standard Operating Procedures (SOPs) to ensure correct execution of work instructions, enhancing process compliance across teams.
- Managed integrated process improvement projects with R&D, production, planning, and quality departments, leading to measurable efficiency gains.
- Studied Alfanar (Saudi Arabia) factory applications and carried out technological integration initiatives, improving automation and production consistency.
- Conducted needs analyses for production investments, prepared CAPEX budgets, and presented them to management, securing approval for strategic projects.
- Promoted and sustained the 5S system through weekly audits, maintaining high workplace organization and safety standards.
- Collaborated with HR to develop suggestion and reward systems, increasing employee engagement and participation.
- Contributed to PPAP processes and new product launches, ensuring timely and compliant product introduction.

(2016 – 2023)

Production & Process Engineer

ULUSOY ELEKTRİK – EATON

- Developed action plans to achieve production targets, guiding department heads and monitoring implementation, resulting in consistent on-time target achievement.
- Ensured timely completion of work orders, optimizing production planning and reducing schedule delays by 15%.
- Measured and reported production department performance weekly and monthly, identifying improvement opportunities that enhanced overall efficiency by 10%.

- Audited production processes for compliance with quality and occupational safety standards, maintaining 100% adherence to safety protocols.
- Participated in process and workflow improvement projects, contributing to continuous improvement initiatives that increased productivity and reduced waste.
- Organized new product development, production, and planning processes, implementing initiatives that improved time-to-market by 15% and strengthened competitive advantage.
- Completed Model Factory training, gaining expertise in lean manufacturing processes, applied to optimize workflows and reduce waste.
- Collaborated with R&D on new product designs and improvement projects, contributing to faster product iterations and process efficiency gains.
- Monitored and maintained ERP system integrity, ensuring 100% accurate and up-to-date product structures, reducing production errors.
- Defined daily, monthly, and annual capacity targets, achieving production goals consistently on schedule.
- Generated purchase requests and coordinated with procurement, ensuring on-time delivery of 98% of orders.
- Assessed personnel needs and managed workforce planning, creating optimized staffing structures that improved operational efficiency.
- Applied lean manufacturing, TPM, 5S, Kaizen, Fishbone Analysis, FMEA, and Risk Analysis techniques, leading to measurable improvements in productivity and quality metrics.

(2015 – 2016)

Production Engineer

MERİH ASANSÖR

- Planned necessary actions to achieve production targets and effectively directed responsible departments, ensuring smooth execution of operational plans.
- Implemented decisions and regularly reported outcomes to the department manager, supporting data-driven management.
- Ensured timely completion of work orders issued by the planning department, achieving on-schedule production performance.
- Monitored departmental performance weekly and monthly, reporting results to the department manager and identifying areas for process improvement.
- Audited production processes for compliance with quality and occupational safety standards, maintaining continuous adherence and operational consistency.