Sefa DÖKECEKLİ

Mechanical Engineer

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PERSONALITY DETAILS

Gender : Male
Date of Birth : 11/09/1994
Marital Status : Single
Nationality : Turk
Drive Licence : B
Military Status : Done (01.05.2018)

CAREER GOALS

wish to work in a workplace where I can effectively utilise the education I have received and the experience I have gained. I have an optimistic outlook in all areas of my life, and as I am also competitive, I am interested in taking on additional responsibilities.

EDUCATION DETAILS

Yüksek Lisans

Master's Degree / Kocaeli University - Kocaeli
Mechanical Engineering / Energy – 02/2024 – Continued

I' m currently working on "Thermal and Mechanical Performance Optimization in CNC Machining of AISI 8620 Steel: Experimental, CFD, and Statistical Approaches" and I'm endeavouring to publish an article in SCI level.

Lisans

Bachelor's Degree / Karabuk University - Karabuk
Manufacturing Engineering– 09/2013 – 06/2018

Lise

High School / Samandıra Anatolian Technical High School - Istanbul
09/2008 – 06/2012

JOB EXPERIENCE

04/2023 – Continued

İ.Mak Gearbox, Variator San. Ve Tıc. Aş. / Istanbul
PRODUCTION MANAGER / Mechanical Engineer

As the manager of the CNC Turning Group, Casting Grinding and Painting, CNC Profile Grinding Machines, Cylinder Grinding Machines and Goods Receiving departments, the main responsibilities are as follows:

- Team, equipment management and efficiency improvement efforts, monitoring and implementation of current trends in production
- Management of operational processes, machine planning and monitoring
- Monitoring production line flow and conducting production line optimisation studies
- Ensuring the application of lean principles and improvements
- Continuous improvement of manufacturing processes and implementation of quality control procedures
- Team formation, training and development of production systems in new projects
- Integrating ERP systems into the company, monitoring as a key user, and providing interfaces and data entry

- Reviewing literature on 5S, Kaizen, and 6 Sigma initiatives, integrating these systems, and implementing them
- Conducting meetings with suppliers and business partners to keep abreast of innovations
- Reviewing costs in manufacturing processes, coordinating cost reduction efforts
- Researching improvements in cycle times and machine setup times, undertaking efforts to increase efficiency
- Developing additional solutions for machine-job planning, in addition to Production Planning, to increase productivity
- Leading KAIZEN initiatives to monitor production scrap levels, reduce ratios, and prevent waste
- Ensuring seamless coordination of affiliated departments and developing new systematic approaches
- Participating as a moderator in ASAKAI meetings, conveying necessary information, and providing guidance

06/2022 – 04/2023 **İ.Mak Gearbox, Variator San. Ve Tıc. Aş. / Istanbul**
SHIFT SUPERVISOR / Mechanical Engineer

In a factory with approximately 90 production employees;

- Ensuring smooth flow and provision of equipment in accordance with the production plan
- Monitoring and reporting shift production targets
- Identifying potential disruptions in the production line flow and taking measures to resolve them
- Ensuring coordination between operators and team leaders during shifts
- Attending ASAKAI meetings and directing the production line flow
- Ensuring planned maintenance activities are carried out and coordinating them
- Identifying line flow faults and ensuring they are rectified
- Monitor and ensure production complies with quality standards
- Ensure work is carried out in accordance with occupational health and safety regulations
- Report information to senior management regarding production, faults, maintenance and other issues at the end of the shift
- Ensure year-end inventory counts of production and raw materials are carried out and establish the necessary teams

01/2020 – 04/2022 **Gürtaş Boat Propeller Stainless Metal And Alloy / Istanbul**
Mechanical Engineer / Assistant General Manager

I worked as a production supervisor in a company that manufactures ship and boat propellers, shafts, couplings, nuts and fasteners.

- Mould design
- R&D studies
- Team management
- Manufacturing process optimisation studies
- Installation of automation and robotic systems
- I have worked on the realisation of manufacturing in accordance with quality control and LOYD procedures

06/2018 – 07/2018 **Tepsan Machine Casting San.Tic. / Istanbul**
Mechanical Engineering Internship / Intern

07/2016 – 08/2016 **Gürdesan Ship Machinery Marine Industry / Istanbul**
Mechanical Engineering Internship / Intern

06/2011 – 07/2011 **I.E.T.T / Istanbul**
Information Processing / Intern

08/2010 – 09/2010 **Arçelik-BEKO Authorised Service / Istanbul**
Technical Services / Intern

PROJECTS

→ Lean Manufacturing
10.2025
On a production line consisting of 15 CNC lathes, I achieved a monthly improvement of '200 HOURS' by implementing SMED, Quick Changeover, and 5S Lean Manufacturing principles.

→ Productivity Control
10.2024

There was no study on the efficiency of the parts I started to supervise. I determined the percentage of compliance with the weekly programme by determining the parameters such as machining time, disassembly time, adjustment time of each part through codes on Excel.

→ The SMED Study
08.2024

I achieved 100% improvement in mould change times by performing Smed work in a robot system integrated into CNC lathes.

→ The SMED Study
03.2024

By outsourcing the internal mould changes on CNC lathes, I achieved minute improvement in each mould change by providing bolt changes with pneumatic clamping motors.

→ Quality Study
01.2024

I designed a clamping apparatus in order to minimise the hole axis errors and runout problems in the parts called Engine Covers that need to undergo turning operations on CNC lathes. With this ingenuity, I minimised operator-related errors.

→ ***Quality Study***
06.2023

I designed templates in order to prevent misalignment problems in the holes of cast parts called Pam Flange, which are machined on CNC lathes, and by ensuring that the adjustment parts are measured with this template, I ensured an average monthly reduction of 15% in operator-related errors.

COURSE / CERTIFICATE

25/06/2024 (3 Hours) *Risks in Customs and Trade and Mitigation - Elimination Methods / GAIB Education Branch*

03/06/2024 (3 Hours) *Artificial Intelligence Applications in Supply Chain Improvement GAIB Education Branch*

02/05/2024 (3 Hours) *Data Visualisation for Business GAİB Education Branch*

24/04/2024 (3 Hours) *Current Developments from the European Green Memorandum GAIB Education Branch*

27/03/2024 (3 Hours) *Understanding Anteditif Technique GAIB Education Branch*

27/03/2024 (3 Hours) *Customer Relations and CRM Management GAİB Education Branch*

23/12/2023 (3 Hours) *Persuasion and Negotiation Techniques Change Dynamics Management Centre*

10/12/2023 (3 Hours) *Problem Solving and Decision Making Techniques Change Dynamics Management Centre*

25/06/2024 (3 Hours) *Stress and Conflict Management Change Dynamics Management Centre*

25/06/2024 (3 Hours) *English Language Education English Culture*

25/06/2024 (3 Hours) *SAP ERP Education UDEMY*

25/06/2024 (3 Hours) *Solidworks Education ARMADA Software*

PROGRAMME INFORMATION

→**Canias** (I use it actively and I'm a key user in the installation phase in the company I work for),
→**Solidworks** (I use it actively),
→**Autocad** (I rarely use it in case of work-related needs),
→**Hydrocomp Propcad** (Design and drawing programme for ship and boat propellers is a special programme and I know it well),
→**Microsoft Office** (I have been using it actively since I studied programming at Anatolian technical high school),
→**Festo** (I know a programme on the simulation of hydraulic, pneumatic and electrical circuits and the programme),
→**Zelio PLC** (I do not use it actively, but I know it in basic terms because I need it for my work),
→**Anysy Fluent CFD** (I'm learning),
→**Fanuc and Robot Programming** (I have mastered the processes of writing the programmes of Fanuc system machines, and I also have experience in 'Cloud Robotic Coding),
→**Photoshop** (I used it for a while for hobby purposes and with school encouragement).

FOREIGN LANGUAGE SKILLS

English → Reading: B2, Writing: B2, Speaking: B1

I know enough English to communicate with abroad in case of malfunctions and maintenance of the machines connected to me within the company, and I have enough knowledge to scan the literature and make inferences.

HOBBIES

I try to overcome my deficiencies in all areas that I see myself lacking,
I prefer to read books with information content, especially I like to follow the world public opinion in technical and other senses,
Developments in the manufacturing sector; Autonomous ships and aircraft, minimising energy consumption in factories, dark factories, industry 4. 0, fields of application of artificial intelligence to technology, unmanned ships and vehicles, carbon emission protocols and the situation in Turkey, I'm interested in issues such as the demand for renewable energy sources.
Apart from these, I also enjoy reading non-fiction books that contain serious information.

MEMBERSHIPS TO ASSOCIATIONS AND CLUBS

Business Club Membership, Young TEMA Membership