

# K. OZGUR GULKOKAN

Mechanical Installation & Greenhouse  
Project/Design Engineer



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Dosemealti/Antalya  
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## PROFILE

He knows that good things are done with good people.  
He pays attention to detail. He is open to innovation.  
He believes that results can be achieved more quickly with a team that has analytical thinking skills and speaks the same language.

- ✓ 2D/3D project designs for mechanical installations and greenhouse sectors.
- ✓ All climate control calculations, turnkey proposals, costs,
- ✓ Increasing efficiency by automating engineering calculations, cost analysis, and bidding processes using Excel/VBA macros.
- ✓ Cost/feasibility calculations and analyses.



## EDUCATION

Mechanical Engineering,  
Bachelor's Degree  
Eskisehir Osmangazi University  
1997 – 2001

Management Information Systems,  
Bachelor's Degree  
Anadolu University  
2016 – 2020

## COMPUTER SKILLS

AutoCAD 2D/3D  
Carrier Hourly Analysis Program (HAP)  
MS Office Word / Excel - VBA  
Internet, Web design  
Artificial Intelligence

## CERTIFICATE

Class C Occupational Safety Specialist,  
2015

## EXPERIENCE

### Project and Proposal Manager

Timfog Engineering, Kocaeli 03/2021 – 03/2026

- Plastic/glass greenhouse project and calculation, preparation of turnkey proposals.
- All climate control calculations, design, surveying, quantity surveying, and cost calculations for greenhouses.
- Automating turnkey project proposal processes end-to-end with Excel/VBA macros to increase operational efficiency.
- Developing dynamic Excel calculation scenarios that enable the analysis of glass greenhouse construction costs in minimum time and with high accuracy.
- Development of specialized software solutions that accelerate the processes of preparing settlement and site plans by directly transferring geographic coordinate data obtained from the TKGM Parcel Inquiry system to a CAD.

### Project Engineer

Varnet Glass Greenhouse Systems, 04/2018 – 06/2019  
Antalya

- Venlo type glass greenhouses, taking the solar arc into account, and creating the site plan for the Uzbekistan Glass Greenhouse Free Zone Project .
- Design of greenhouse heating systems, boiler room layout, and 2D/3D detailing.
- Research, feasibility studies, unit cost analyses, and reporting on the use of PV panels and alternatively climate systems in greenhouses.

### **Mechanical Engineer**

Freelance Works, Antalya

02/2013 – 04/2018

- Shop drawing and superposed at the EXPO 2016 Congress Center construction site. Control of on-site manufacturing with drawing projects. Revision and manufacturing of the installations inside the space frame according to the ceiling plan.
- Preparation/revision of mechanical installation projects, BOQ for the Akdeniz Kent Park project, undertaken by Antepe Construction.
- Project drawings and calculations, revision of implementation projects, and quantity surveying/estimation services for companies undertaking mechanical installation contracts.
- An as-built project for a laundry steam system, investigation of factors affecting efficiency, and studies on heat recovery. (fixed term)

### **Project Engineer**

Maksi Engineering, Antalya

07/2007 – 01/2013

- Mechanical installation calculations and drawings.
- Isometric and 3D drawings, BOQ lists
- As-built , attachments, payment lists.
- Shop drawing projects and supervision.
- Creating and using spreadsheets in accordance with TS/EN, DIN, ASHRAE, and SNIP standards using MS Excel.
- Mechanical works inspection at Mardan Palace Hotel, Antalya.

Some of the jobs he was involved in as part of the mechanical installation project team include:

- Antalya Metropolitan Municipality's new service building.
- " Shabit " Kazakh National University of Arts, Astana
- Alva Donna Exclusive Hotel, Antalya
- Krasnaya Polyana Apart Hotel, Sochi
- Baia Hotel, Antalya
- Bilem Hotel, Antalya

### **Spare Parts Manager**

Hedef Automotive, Antalya

03/2006 – 07/2007

### **Technical Staff**

MMO Antalya Branch

11/2003 – 02/2005

### **Project Engineer**

System Elevator, Antalya

10/2001 – 10/2002