



**LPG ODORIZING SYSTEMS**



# **LPG ODORIZING**

## **SYSTEMS DO-LPG series**

DAGGAZ Ltd. designs and manufactures the most complex LPG Odorizing systems in the market.

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[www.daggaz.com](http://www.daggaz.com)

# MAIN CHARACTERISTICS

**T**echnical specifications Daggaz LPG Odorizers (DO-LPG) are set to serve industry standards and use by using its experience and precise engineering. All explosion-proof internal components, 1mg/m<sup>3</sup> precision flowmeter or verometer, Stainless Steel Fittings, Solenoid Valves (optional), stainless steel pump cabinet.

**M**ain characteristics are :

- ✓ Easy operating and easy maintenance
- ✓ Simplified pump design
- ✓ Selection of electric or pneumatic pumps which Daggaz manufactures
- ✓ Automatic control system
- ✓ Immediate feed backs and alarms during system errors and faults.
- ✓ ATEX certified Odorizing System
- ✓ CE marked LPG Odorizing System
- ✓ Optional d class explosion-proof controller panel
- ✓ Production according to API 675



**d class explosion-proof or non-explosion-proof controller cabinets**



**AC FILTER FOR VAPOUR DISCHARGE**



**PNEUMATIC or ELECTRIC PUMPS**

**E**M (ETHYL MERCAPTAN) is commonly used odorant for LPG odorization and EMM have very high vapour pressure due to the low boiling point as 35 °C. Hence dosing these kind of liquids generate cavitation problems. Daggaz LPG Odorizers have integrated vapour eliminating system supported with vapour trap and activated carbon filter to remove any odorant vapour trapped inside the pump or tubing; before and after maintenance or before and during operation.

## WHY WE ARE DIFFERENT?

### ODORIZE LPG FROM VESSEL TO SPHERICAL TANKS TO TANKER TRUCKS

Dağgaz Odorizing is, a company specialized for gas odorization and related fields. We sell odorants, provide logistics and technical services for odorants, manufacture odor injection systems, supply odor measurement solutions, supply odor neutralizing chemicals and equipments. Daggaz is a unique player in the market as a reliable, experienced partner. Any quantity, any odorant type, any time...



# DESIGN AND MANUFACTURING

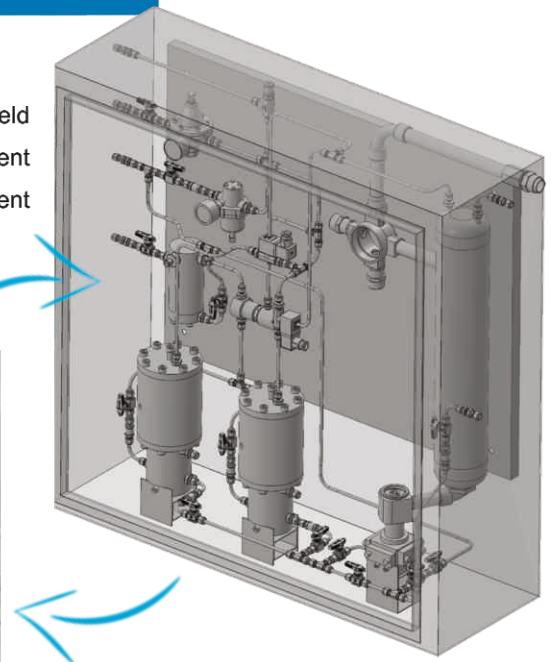


We design and manufacture LPG odorizers according to customer specifications. Stationary tanks (below) or rental semi-bulk containers (above) can be used as odorant source. We also provide skids (below) with spill pans.



## WHY CHOOSE DO-LPG ODORIZERS?

Because we combine our multi disciplinary experience in gas odorization field into design and application processes we have. With continuous improvement and development activities we assure our customers to have the most recent technology and services possible in the market with high quality.





СЕРТИФИКАТ  
№ TC RU C-TR.МЮ62.В.04654  
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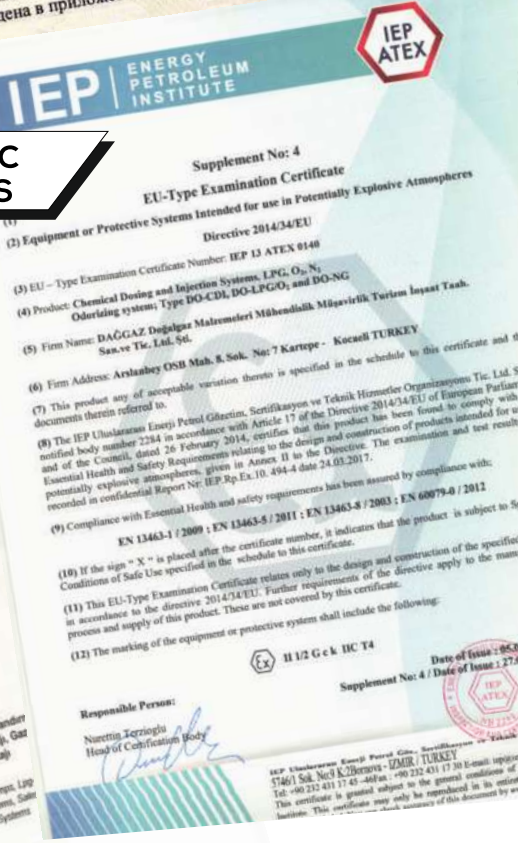
ОРГАН ПО СЕРТИФИКАЦИИ продукции Общество с ограниченной ответственностью «ПРОММАШ ТЕК»  
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ИЗГОТОВИТЕЛЬ DAGGAZ DOĞALGAZ MALZEMELERİ MUH.MUS.TURİZM İNSAAT TAHHÜT SANAYİ  
Место нахождения: ТУРЦИЯ, Arslanbey OSB Mah.8 Sokak No.7 Kartepe/Kocaeli  
Фактический адрес: ТУРЦИЯ, Arslanbey OSB Mah.8 Sokak No.7 Kartepe/Kocaeli

ПРОДУКЦИЯ Установки дозирования торговой марки «DAGGAZ», моделей: DO-CDI, DO-LPG, DO  
Оборудование выпускается по технической документации изготовителя для работы во взрывоопасных  
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Серийный выпуск

### ISO & ATEX & EAC CERTIFICATIONS



## WHO WE ARE?

### COMPANY INTRODUCTION

Daggaz is a Turkish company located in Kocaeli Arslanbey Organized Industrial Zone and displaying activities in natural gas, LNG, LPG, CNG, petroleum and petrochemical sectors since 2005. Our company supplies its products as producers and as exclusive distributor to the customers in Turkey and in many countries.

Our company's product and service portfolio includes: Chemical Injection Systems, Gas Odorizing Systems, Gas Odorants ( As exclusive distributor in Turkey, Central Asia and Bangladesh), Odor measurement Systems (As exclusive distributor), Odor Neutralizers (As authorized distributor in Turkey), Odor Disposal Systems (As manufacturer), Special Chemicals (catalysts and absorbents- as authorized distributor in Turkey and other countries), Special chemicals transportation activities in accordance with the legislation in Turkey

Our customer portfolio includes: City gas distribution companies, LNG-LPG Distributors, LNG Facilities, Petrochemical plants, Refineries.

### OUR MISSION IS

At the right time, in the right place, to provide appropriate technical supports to the energy sectors worldwide by covering the necessities of the customers.

## ITS STRENGTH COMING FROM FIELD EXPERIENCE

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