

DOĞUMAK

WITH TRUST, ALWAYS BETTER.

www.dogumak.com.tr



- Founded in 2003, Gaziantep Organized Industrial Zone
- Specializing in LPG, Ammonia, LCO2 tanks
- Exporting to 40+ countries (Africa, Middle East, Europe, Asia)
- We currently serve over 1,800 customers worldwide



- 10,000 m² factory with advanced welding and testing technologies
- Export & foreign trade department ensures smooth operations

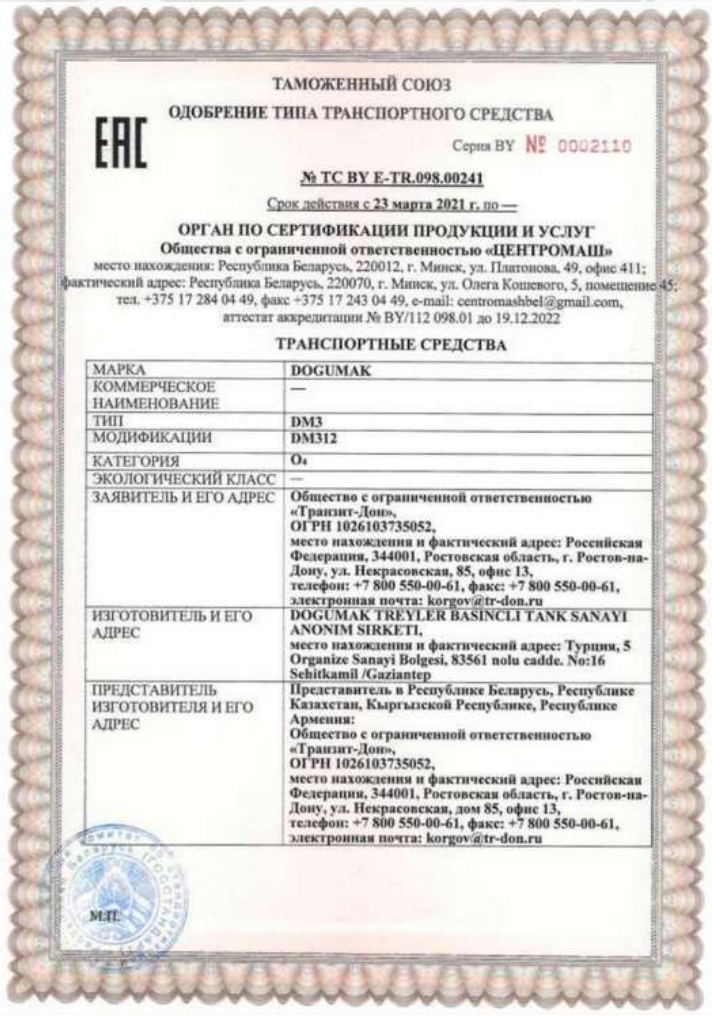
SOME OF OUR CERTIFICATIONS

TR-098-00241-certificate

CRS Certificate

ISO 9001:2015

ISO 3834-2





TECHNOLOGICAL EQUIPMENT AND MACHINERY



WELDING METHODS (EN ISO 3834-2)

- **Submerged Arc Welding (SAW)**
 - Commonly used for thick steel sheets and long welds.
 - Electric arc submerged beneath a powdered flux layer.
 - Produces strong, clean, and efficient welds.



GAS METAL ARC WELDING (GMAW)



Also known as MIG/MAG welding.

Uses a continuous solid wire electrode and an inert or active shielding gas.



Suitable for a wide range of metals and provides a high-quality finish.

ELECTRICAL ARC WELDING



A fusion welding process where heat is generated from an electric arc.



Arc formed between base metal and electrode.



Typical temperature range: 4,000°C to 6,000°C.

QUALITY CONTROL PROCESS

- Metal Thickness Measurement – Ensures material strength and durability.
- Paint Thickness & Gloss Testing – Guarantees proper coating adhesion and longevity.
- Measurement performed using standardized instruments for precision.



PAINTING PROCESS

GRIT BLASTING (SHOT BLASTING)

- Uses high-speed rotating disks to shoot steel shots onto the surface.
- Provides a smooth, clean finish and improves fatigue strength.
- Advantage over sandblasting: No silicon dust & reduced environmental impact.



SHOP PRIMER COATING

MULTI-FUNCTIONAL PRIMER APPLICATIONS

- Preconstruction Primer – Protects steel during transport, storage, and production.
- Epoxy Primer – Suitable for corrosion classes ISO 12944 C2 to C4.
- Holding Primer – Temporary protection for blasted steel surfaces.
- Key Properties:
 - Easy to apply
 - Excellent chemical resistance
 - High mechanical strength
 - Strong substrate adhesion
 - Compatible with cathodic protection systems



PRIMER COATING

- A primer is a preparatory coating applied before painting.
- Improves paint adhesion and surface durability.
- Provides additional corrosion protection for steel tanks.



FINAL PAINTING SYSTEM



First Coat: Epoxy-based primer → 60–80 microns



Second Coat: Epoxy intermediate layer → 60–80 microns

- Final Coat: Acrylic polyurethane topcoat → 40–50 microns
- Total Paint Thickness: 160–210 microns
- Final Tank Color: White (RAL 1013)

OUR PRODUCTS

- Semi-trailer LPG tankers
- Ammonia transport tanks
- Industrial LPG storage tanks
- LPG transport tanks (BOBTAIL)
- LPG SKID systems
- Aboveground & underground LPG tanks
- ISO tanks
- Fuel storage tanks
- Air receiver tanks
- Container chassis (carriers)
- Gas Cylinder Carrier



SEMI-TRAILER LPG TANKERS



- Capacity: 35–70 m³
- Standards: ADR, EN 12493, TPED
- An LPG trailer is specifically designed for the safe transportation of Liquefied Petroleum Gas (LPG) over long distances



AMMONIA TRANSPORT TANKS



- Capacity: 30–50 m³
- Standards: EN 12493, ADR, AD 2000
- Used for the safe transportation of liquid ammonia in industrial and agricultural applications.
- Manufacturing on demand: ASME, other standards

BOBTAIL TANKERS



- Chassis-mounted road LPG transport
- Commonly used for the distribution of LPG to households, autogas stations, and commercial sites.
- Standards: ADR, TPED, EN 12493
- Capacity: Flexible, tailored to customer needs

CONTAINER CHASSIS /CARRIER



- Custom lengths: 20ft / 30ft / 40ft / 45ft
- High-strength steel construction
- Used for the efficient transportation of ISO tanks, containers, and pressure vessels by road.
- ADR-certified and optimized for LPG & chemical tank transport
- Flexible design for Ro-Ro & flat-rack shipping

FUEL TRANSPORT TANKS



- Designed for diesel, gasoline, kerosene & other fuels
- Aboveground & underground configurations
- Leak-proof design with double-wall option
- Compliance: API 650, UL 142, EN 12285

AIR RECEIVER



- Volume range: 200 – 50,000 liters
- Material: High-quality carbon steel or stainless steel
- Standards: PED, ASME, EN 286-1
- Designed to store compressed air and stabilize pressure in industrial and manufacturing systems.

SOLUTION TANKS

- Volume range: 5,000 – 100,000 liters
- Resistant to corrosion and chemical reactions
- Designed per EN 13445 / ASME / AD 2000
- Available in carbon steel, stainless steel, or coated options
- Used for the storage and preparation of chemical solutions, liquids, and water treatment processes.



INDUSTRIAL LPG STORAGE TANKS



- Aboveground & underground installation
- Standards: EN 13445, PED
- Designed for bulk LPG storage at industrial facilities, cylinder filling plants, and energy stations.
- Custom design: AD2000, ASME upon request

ISO TANKS



- Standards: EN 13445, PED
- Custom design: AD2000, ASME upon request
- Suitable for international transport of LPG, LCO₂, ammonia, and other chemicals by road, rail, or sea.

GAS CYLINDER CARRIER [NEW]



- Customizable capacity: 300 – 1,200 cylinders
- Reinforced frame structure for safe stacking & transport
- Multi-compartment designs available
- ADR, and ISO standards compliant
- Specially designed for the bulk transportation of LPG cylinders for distributors and filling plants.

LPG SKID Systems

- Compact LPG storage + dispensing system
- Easy installation, movable design
- Ideal for mobile LPG filling stations and remote areas where quick installation is required.





THANK YOU

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