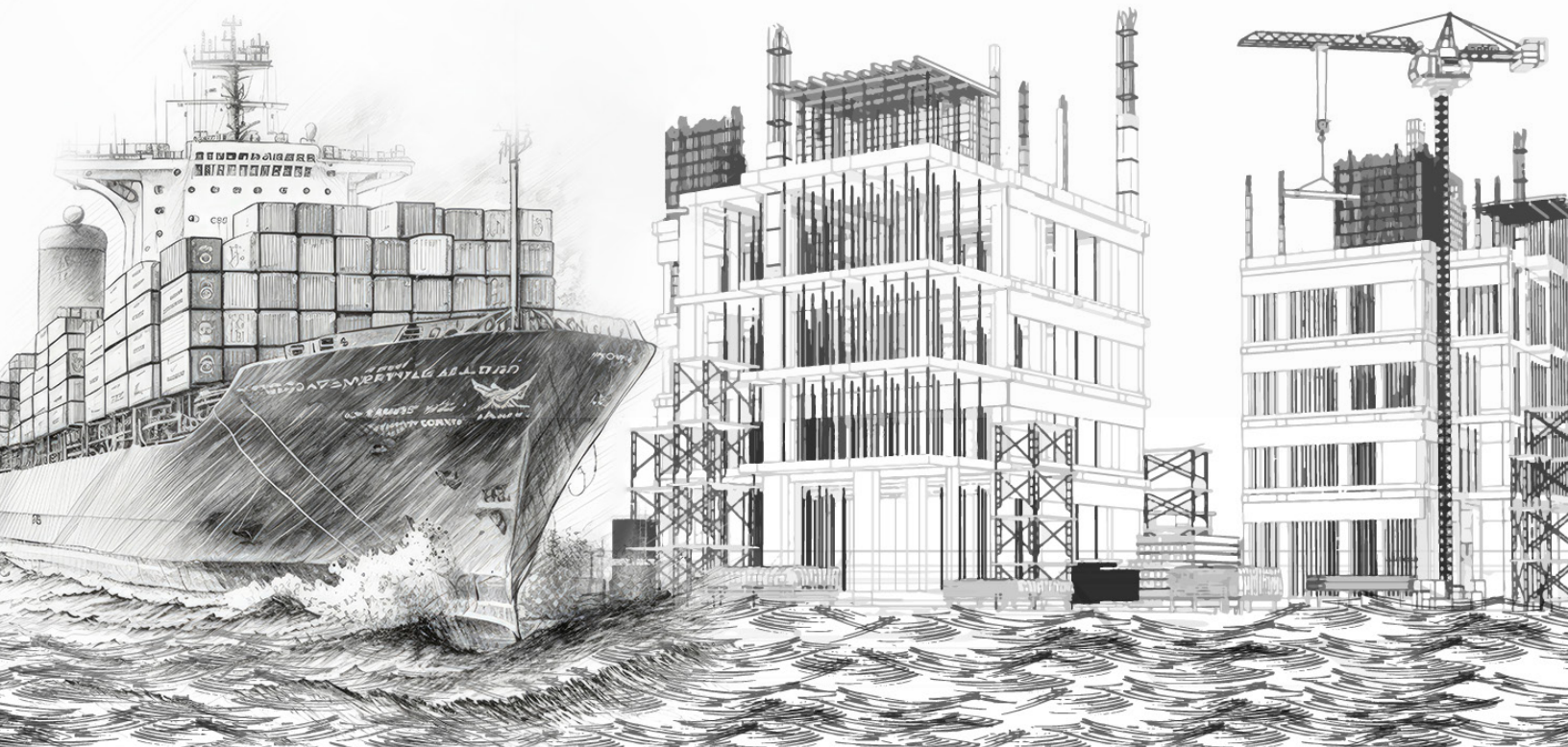




# CASPIAN CONSTRUCTION AND TEST

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- 07 – PARTNERS
- 08 – SERVICES
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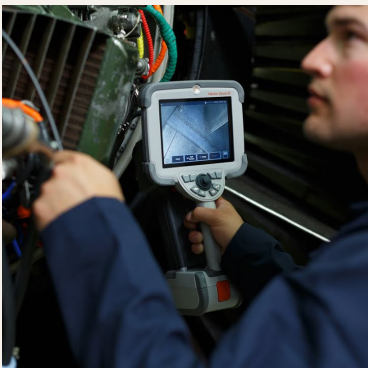
# INTRODUCTION

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## WELCOME TO CASPIAN CONSTRUCTION&TEST

At CCT we pride ourselves on delivering exceptional construction solutions that exceed expectations. With years of experience and a team of skilled professionals, we have established ourselves as a trusted name in the industry.



## ABOUT US

We are a Azerbaijan/Baku -based construction company dedicated to providing top-notch construction services for both residential and commercial projects. We serve **Uzbekistan & UAE & Romania & Azerbaijan**. Our commitment to quality, safety, and timely delivery has earned us the respect and trust of our clients.

# THANK YOU!

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## DEAR OUR CUSTOMERS,

We are a Azerbaijan/Baku -based construction company dedicated to providing top-notch construction services for both residential and commercial projects. Our commitment to quality, safety, and timely delivery has earned us the respect and trust of our clients. We are a Azerbaijan/Baku -based construction company dedicated to providing top-notch construction services for both residential and commercial projects. Our commitment to quality, safety, and timely delivery has earned us the respect and trust of our clients.

Providing top-notch construction services for both residential and commercial projects. Our commitment to quality, safety, and timely delivery has earned us the respect and trust of our clients. We are a Azerbaijan/Baku -based construction company dedicated to providing top-notch construction services for both residential and commercial projects. Our commitment to quality, safety, and timely delivery has earned us the respect and trust of our clients.

Construction services for both residentialOur commitment to quality, safety, and timely delivery has earned us the respect and trust of our clients. We are a Azerbaijan/Baku -based construction company dedicated to providing top-notch construction services for both residential and commercial projects. Our commitment to quality, safety, and timely delivery has earned us the respect and trust of our clients.

**HABIL GULIYEV**

OWNER & DIRECTOR

---

# OUR CERTIFICATES

**MANAGEMENT SYSTEM  
CERTIFICATE**

This is to certify that management system of:

**Caspian Construction & Test**  
Qaradagh district, Salyan Highway 29 km, Baku, Azerbaijan

Has been found to confirm the requirements of  
Quality Management Systems standard:

**ISO 9001:2015**

For the following Scope:  
Fabrication, Manufacturing of Steel Structures, Painting, Blasting, Welding, Piping,  
Scaffolding, High and Low Voltage Works

<b>Certificate Registration No.</b>	<b>MSC-018-C38780-73658</b>
<b>Date of Initial Certification</b>	<b>23 June 2022</b>
<b>Date of Last Issue</b>	<b>23 June 2022</b>
<b>Due Date</b>	<b>23 June 2023</b>
<b>Certification Period</b>	<b>3 years</b>



Accreditation Service for Certifying Bodies LLC  
8 The Green, Dover, DE 19901, United States



J. Shir  
Management representative



Certification Body - QCS LLC  
4122 Chinese Pk Trail, Raleigh, C.  
North Carolina, Wake 27610, USA  
Azore Business Center, 8 November Ave. 15,  
AZ1025 Baku, Azerbaijan

This is an accredited certificate authorized for issue by ASCB, who have assessed QCS against defined criteria and in cognizance of ISO 17021:2015 Conformity Assessment - Requirements for bodies providing audit and certification of management systems. The validity of this certificate is the subject to the organization maintaining their system in compliance with QCS requirements for systems certification. Validity must be verified on [www.qcs.com](http://www.qcs.com) and may be confirmed via email at [info@qcs.com](mailto:info@qcs.com). This certificate remains the property of QCS and might be recalled if the organization's management system does not meet requirements.

**MANAGEMENT SYSTEM  
CERTIFICATE**

This is to certify that management system of:

**Caspian Construction & Test**  
Qaradagh district, Salyan Highway 29 km, Baku, Azerbaijan

Has been found to confirm the requirements of  
Occupational Health and Safety Management Systems standard:

**ISO 45001:2018**

For the following Scope:  
Fabrication, Manufacturing of Steel Structures, Painting, Blasting, Welding, Piping,  
Scaffolding, High and Low Voltage Works

<b>Certificate Registration No.</b>	<b>MSC-019-C38780-73659</b>
<b>Date of Initial Certification</b>	<b>23 June 2022</b>
<b>Date of Last Issue</b>	<b>23 June 2022</b>
<b>Due Date</b>	<b>23 June 2023</b>
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8 The Green, Dover, DE 19901, United States



J. Shir  
Management representative



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**MANAGEMENT SYSTEM  
CERTIFICATE**

This is to certify that management system of:

**Caspian Construction & Test**  
Qaradagh district, Salyan Highway 29 km, Baku, Azerbaijan

Has been found to confirm the requirements of  
Environmental Management Systems standard:

**ISO 14001:2015**

For the following Scope:  
Fabrication, Manufacturing of Steel Structures, Painting, Blasting, Welding, Piping,  
Scaffolding, High and Low Voltage Works

<b>Certificate Registration No.</b>	<b>MSC-020-C38780-73660</b>
<b>Date of Initial Certification</b>	<b>23 June 2022</b>
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# WHY CHOOSE US?

## EXPERT TEAM:

Our team of highly skilled architects, engineers, and construction professionals work together seamlessly to ensure every project is executed with precision and excellence.

## QUALITY ASSURANCE:

We maintain the highest standards of quality throughout every phase of the construction process, using top-grade materials and adhering to industry best practices.

## TIMELY DELIVERY:

We understand the importance of meeting deadlines. Our efficient project management ensures that your project is completed on time and within budget.

## CUSTOMER SATISFACTION:

We prioritize customer satisfaction above all else. Our client-centric approach means that we listen to your needs and keep you informed at every step of the project.

## SAFETY FIRST:

The safety of our clients, employees, and the community is paramount. We adhere strictly to safety regulations to create a secure working environment.

# PARTNERS



STP



AZƏRENERJİ



VIEN GROUP



CNCO



BAKU SHIPYARD



AZINTEST



ENSAFE



MAMONT



Q-1



# PIPELINE PROCESSES

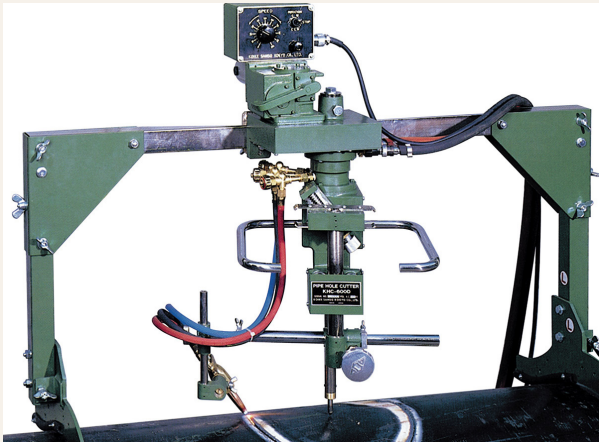
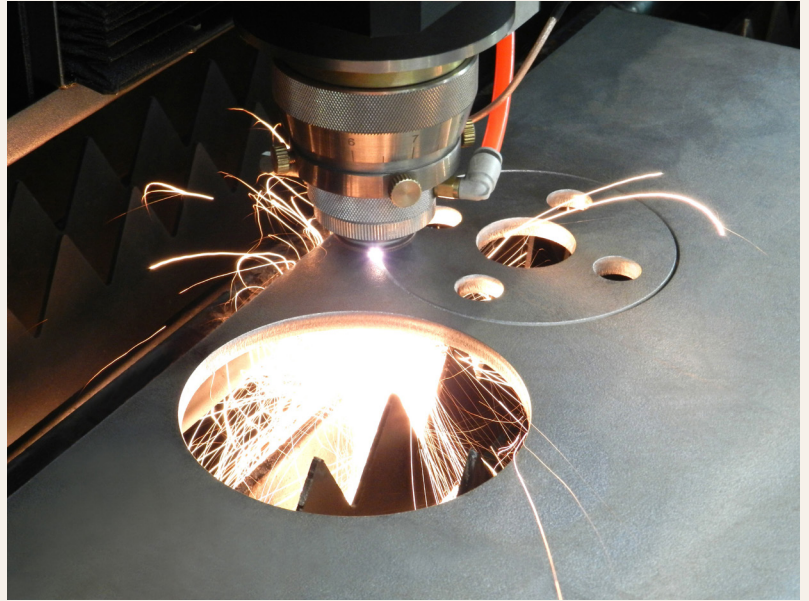
## FABRICATION, ERECTION & WELDING OF PROCESS PIPING :

Pipe fabrication processes involve the shaping, cutting, bending or size alteration of pipes formed from various materials for wide- ranging applications. Pipe fabrication services include many diverse processes that take place after or during pipe formation in order to customize the pipe for its intended application. Our welders specialized to do welding a range of materials: Carbon steel, Stainless steel, Aluminum alloys, Copper etc.

## WE DO:

- PIPE CUTTING
- FABRICATION
- WELDING MACHINE
- PIPE WELDING

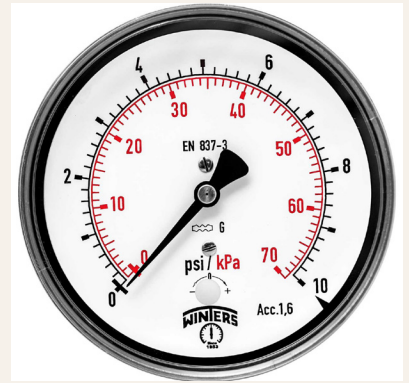
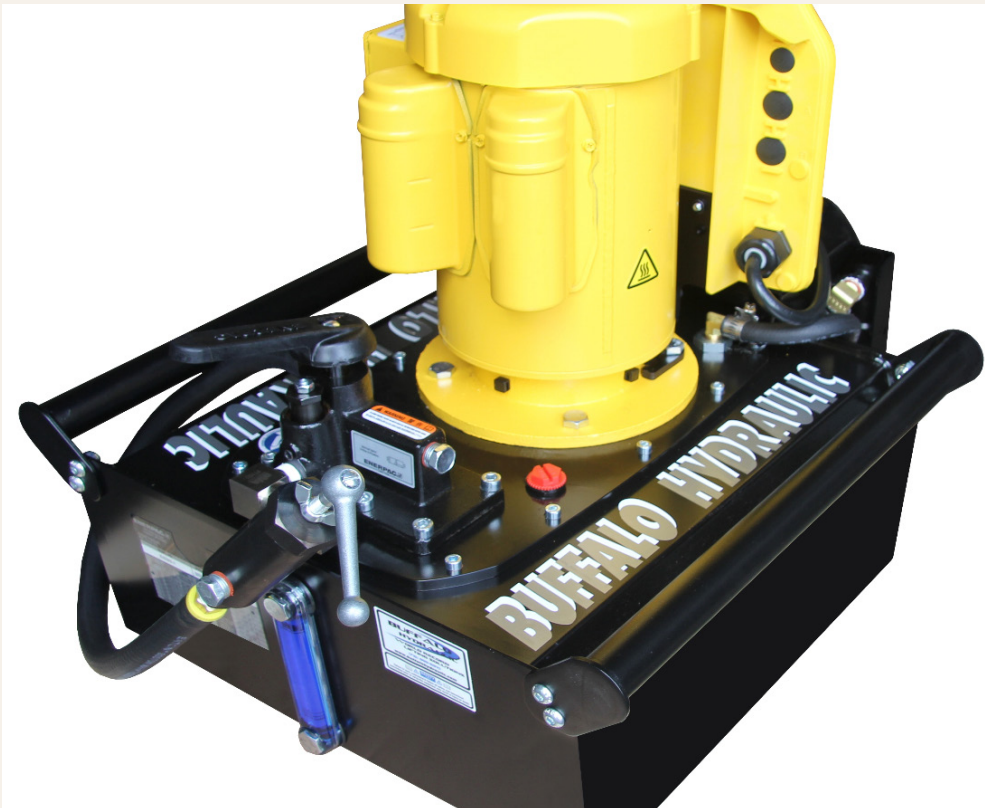




# PORTABLE GAS PIPE CUTTING

## PIPE CUTTING :

- Cuts pipe from 4 in. - 90 in. (114 - 2286 mm) diameter with no electricity and no other attachments required
- Unique chain drive system adjusts quickly to different diameters
- Square and bevel cut
- Very low maintenance
- Versatile enough for field work
- Weight: 18.7 lbs. (8.5 kg)



# TESTING

We specialize on carry out hydro test, air test, oil test, Vacuum test at high pressure using our latest and high end Equipment Technologyon:

## WE DO:

- Hydrostatic testing of piping, hoses, valves, vessels and fittings to 1000 Bar (15000 psi).
- Pneumatic testing of piping, hoses, valves, vessels and fittings.
- Pressure Safety Relief Valves Bolt torquing
- Desiccant and Vacuum Drying.
- Nitrogen Purging.
- Data based test pack development and project tracking

We have various types of Hydraulic piping lines including of systems.

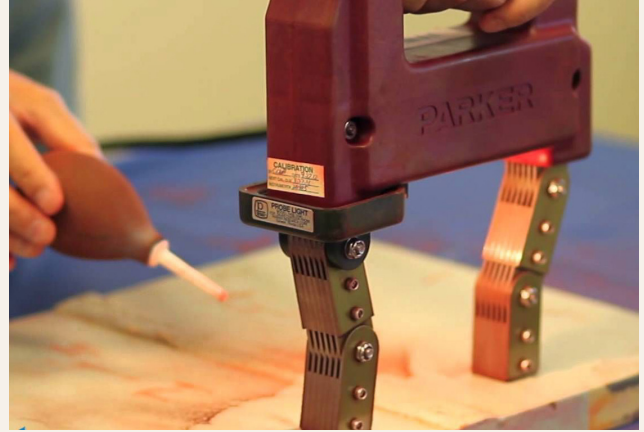
- Capstan Hydraulic piping system.
- Anchor Windless Hydraulic piping system.
- All type of Hydraulic Cylinders.
- Towing Winch Hydraulic piping system.
- Cargo /Hatch cover Hydraulic Piping system
- Tugged Winch Hydraulic piping system.
- Top Drive Hydraulic piping system.
- Stern Tube Hydraulic piping system.
- CMC Hydraulic piping system.
- Fuel Oil piping system.
- Roughneck.
- Lube Oil piping system.
- Crane Hydraulic piping system.

# NON DESTRUCTIVE TEST

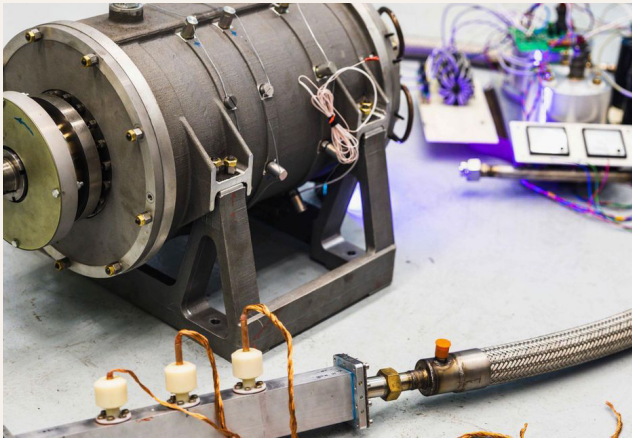
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LIQUID PENETRANT TEST (LPT)



MAQNET PARTICLE INSPECTION (MPI)



RADIORAPHIC TEST (RT)



ULTRASOUND TEST (UT)



UT THICKNESS GAGING

# DESTRUCTIVE TEST

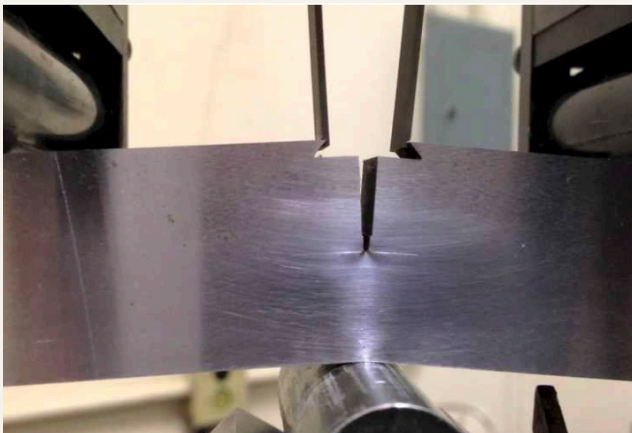
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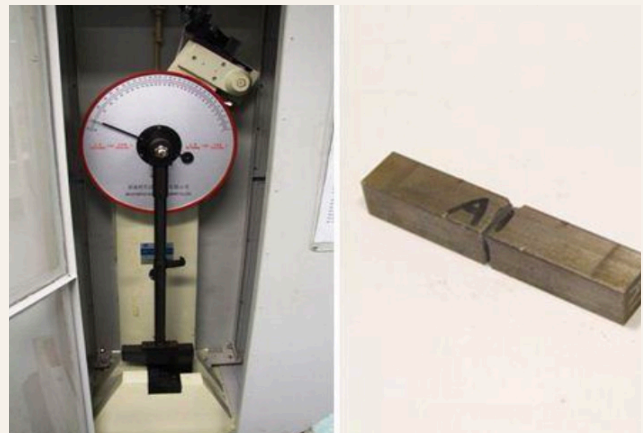
BEND TEST



TENSILE TEST



FRACTURE TEST



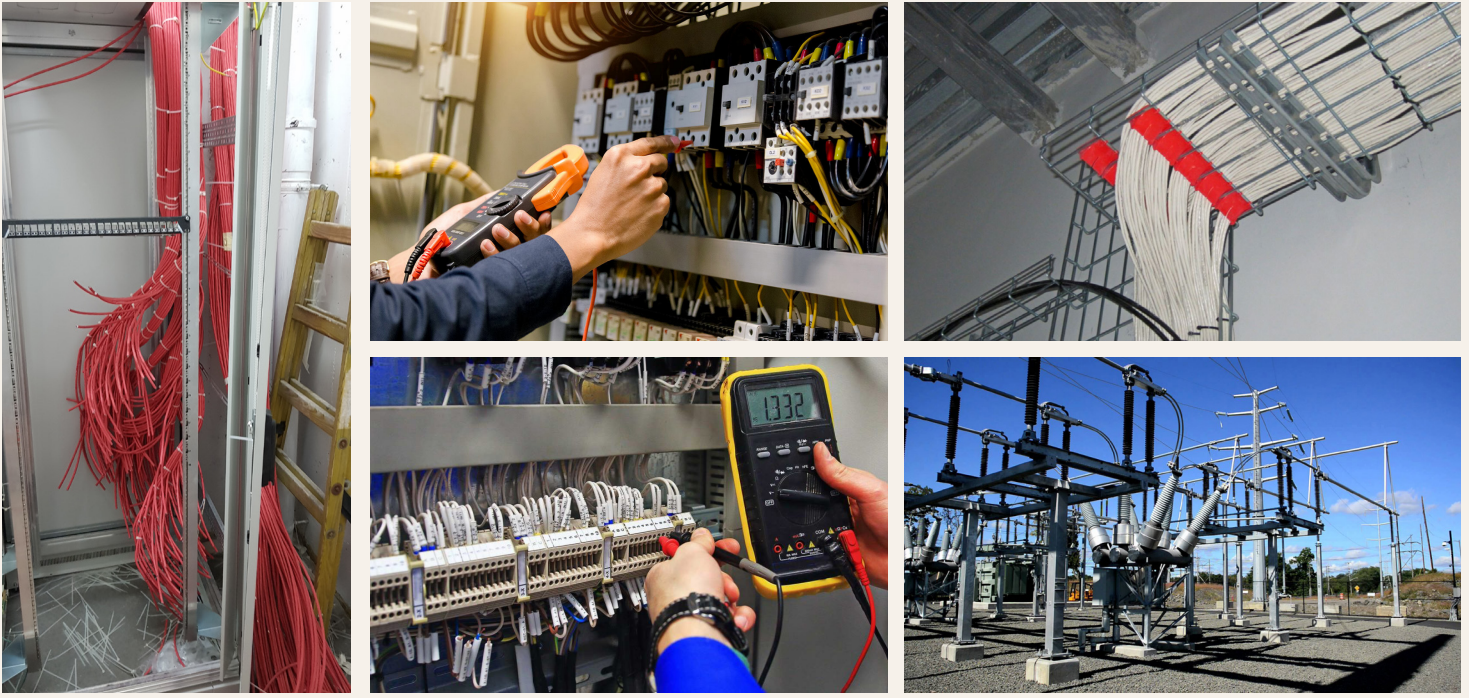
CHARPY IMPACT TEST



HARDNESS TEST



MICRO & MACRO TEST



# ELECTRICAL SERVICES

We specialize on carry out All kind of electrical Scope ( Electrical Substation, Marine System and Petrochemical Industry ) as per international standards and class rules

## WE DO:

- Overhaul, rewinding and modification of AC/ DC Motors, Generators and Transformers.
- Navigation and communication packages, specialist computing applications, electrical supply and distribution, autopilot and steering systems, suit any marine vessel.
- Design and Fabrication of Motor Control Centres, Motor Starter Panels and Power Distribution Boards.
- Electrical Project Management, Site Commissioning, Software Integration, E&I Integration
- Retrofitting of Main Switch Boards, Motor Control Centres, Bus bars and Breakers.
- Maintenance, recondition, overhaul and replacement of all Electrical Equipment's,
- Power Generating Systems and Load Test of Power Generating System.
- Calibration of Breakers, Meters and Relays, Primary and Secondary Current Injection Tests.
- Modification Works on AVR, Auto Synchronization and Load Sharing of Generators
- Installation of P&I Cables, loop check and commissioning of Equipment and Systems.
- Fiber Optics termination, troubleshooting and commissioning.
- Automation of hydraulic winch packages, forward rudder steering, engine and propulsion controls. All type of cranes / winches electrical and mechanical work.

# INSPECTION

## VISUAL INSPECTION (VI)

Visual and measuring control of materials (semi-finished products, material blanks, components) and welds performed at the following stages:

- receiving inspection
- manufacture of parts and assembly units
- preparation of parts and assembly units for assembling
- preparation of parts and assembly units for welding
- welding process
- control of finished welded joints



## SPECTRAL & CHEMICAL ANALYSIS

The chemical content in ferrous materials can be defined by vacuum emission spectrometry by means of following software:

- FE1-steel
- FE2- cast iron
- FE3- non-corrosive steel Cr
- FE4- non-corrosive steel Cr Ni
- FE5- Mn steel
- FE6- cast iron Cr
- FE7- Ni Hard, Ni Resist
- Defined elements: C, Si, Mn, P, S, Mg, Cr, Ni, Mo, Cu, Al, Ti, V, Nb, B, W, Co, Sn, Pb

## FOLLOWING IMPURITIES ARE DEFINED IN STEEL COMPOSITION BY EXPRESS ANALYSIS METHOD:

Alloy	Precision
Oxygen	0.0-300 ppm- 2%
Nitrogen	0.0-300 ppm- up to 2%
Carbon	0.1-5%
Sulfur	0.3- up to 30%

## METAL COMPOSITION ANALYZER

Methodology:

- Semi conductive
- Infrared
- Absorption

# BORESCOPING

A video camera pipe inspection allows for a real-time visual inspection of underground sewer lines and other piping to determine the condition inside the pipe. A flexible fiber optic cable with a specially designed high-resolution video camera on its tip is inserted into the pipe for inspection.

As the cable is pushed through the pipe, the hardened waterproof camera, equipped with powerful lights, records its journey and findings. Video images are transmitted to the camera operator who can make an informed diagnosis of any problem found.

## VIDEO CAMERA INSPECTIONS PINPOINT PROBLEMS LIKE THESE:

- Broken, cracked or collapsed pipe — damaged pipes requiring repair or replacement.
- Offset pipe — sewer pipes have become misaligned due to shifting soil, frozen ground, settling, etc.
- Blockage - grease buildup or a foreign object is restricting or prohibiting proper flow and/or cleaning the of Line
- Corrosion — the pipe has deteriorated and/or broken, causing sections to collapse and restrict waterflow.
- Bellied pipe — a section of the pipe has sunk due to ground or soil conditions, creating a valley that collects paper and waste
- Leaking joints — the seals between pipes have broken, allowing water to escape into the area surrounding the pipe
- Root infiltration — tree or shrub roots have invaded the sewer line, preventing normal cleaning and/or root shave damaged the pipe.
- Off-grade pipe — existing pipes are constructed of substandard or outdated material that may have deteriorated or corroded.

The video inspection can be saved for a permanent record. Video cameras may be used to identify pipe damage and obstructions that inhibit proper flow or create occasional or repeated backups.

The cameras also verify that obstructions have been eliminated and that the lines are clean following service. The condition of a pipe typically cannot be determined without a visual inspection using an in-line camera



# MULTIPURPOSE BUILDING

AT THE INTERSECTION OF STREET ORINBOR & #24

PROJECTS





# HANGAR FOR HELICOPTER

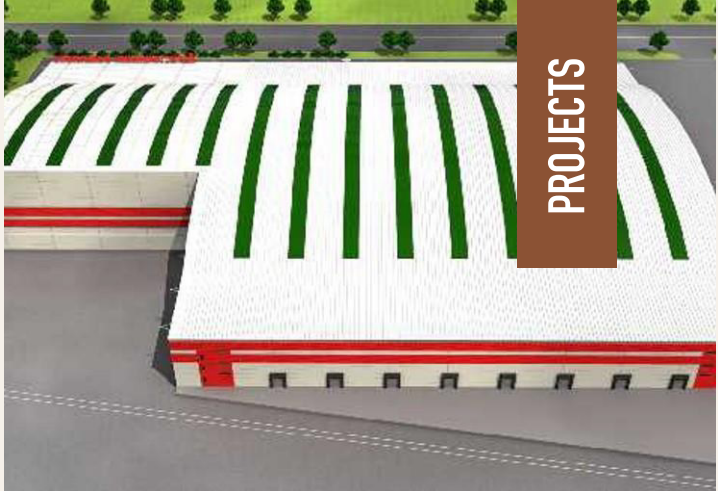
PROJECTS



# CLASS A WAREHOUSE

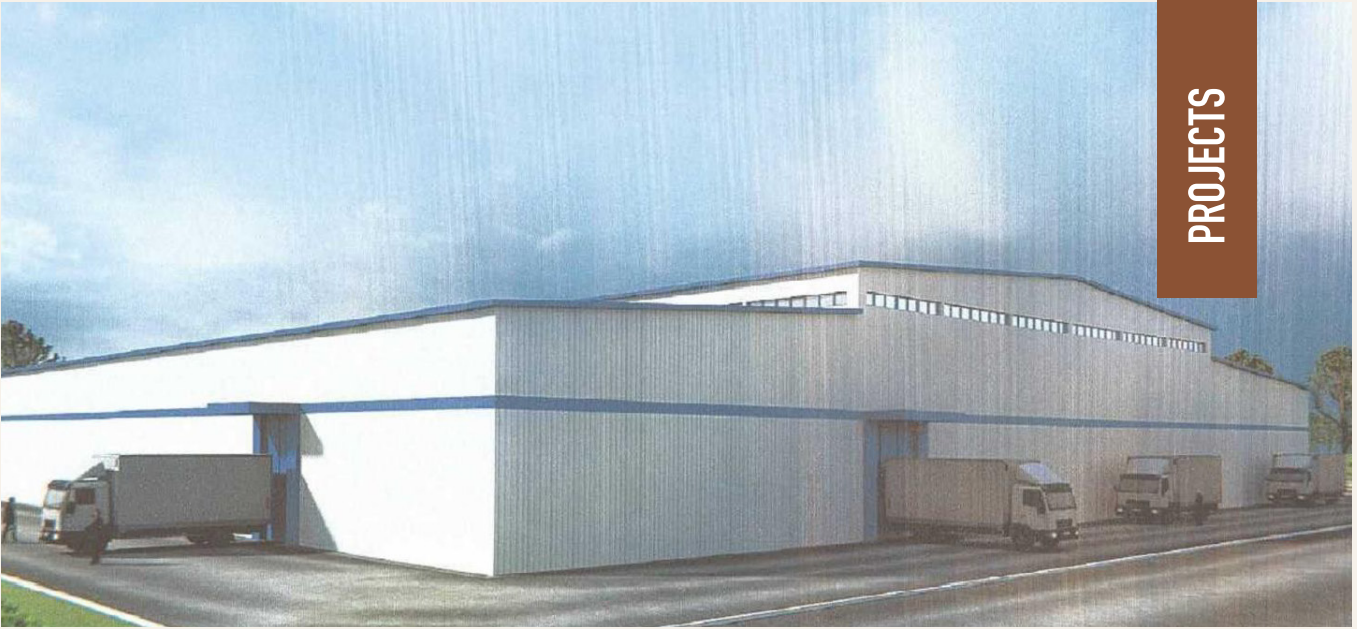
ASTANA HIGHWAY, ALASH 12

PROJECTS



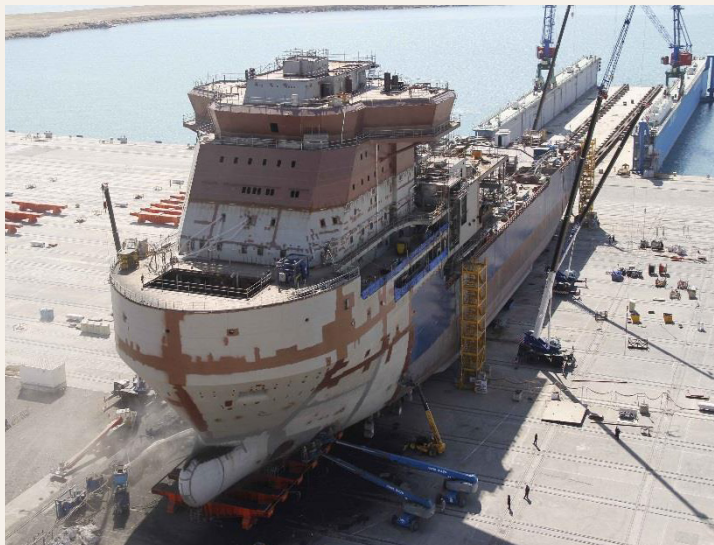
# HANGAR FOR HELICOPTER

PROJECTS



# SUBSEA CONSTRUCTION VESSEL

PROJECTS



# CANUB POWER STATION

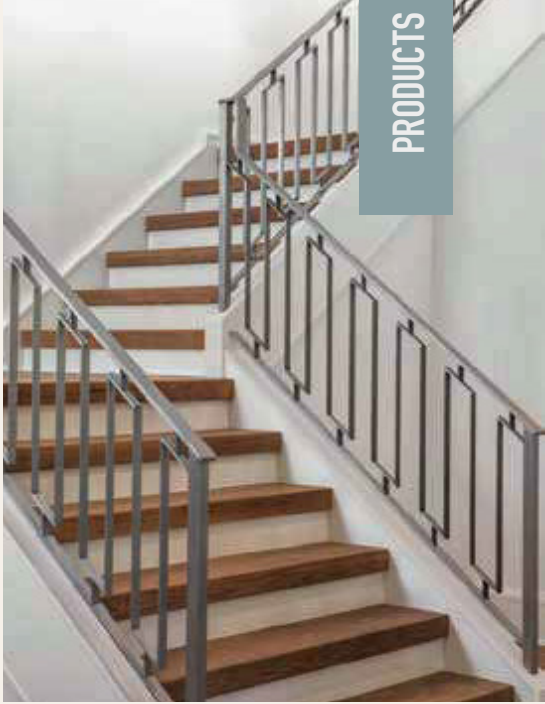
SHIRVAN

PROJECTS



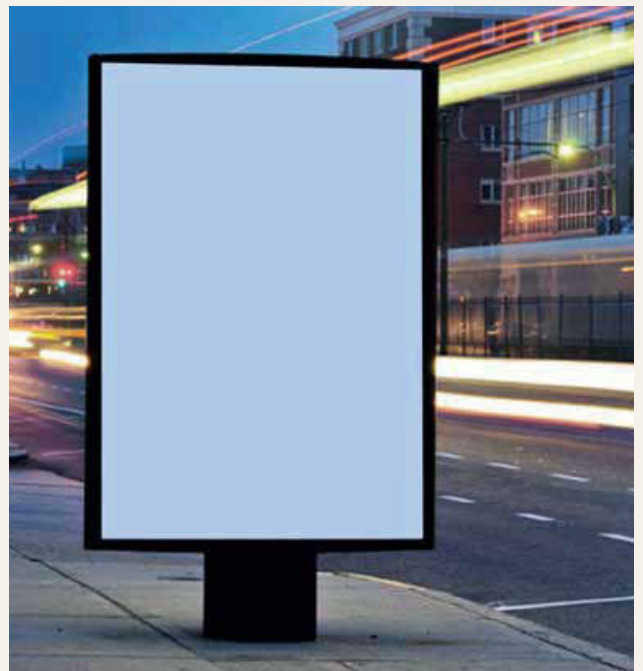
# HANDRAIL DESIGNS & CONSTRUCTION

PRODUCTS



# OUTDOOR ADVERTISING PANELS

PRODUCTS



# BENCH FURNITURE

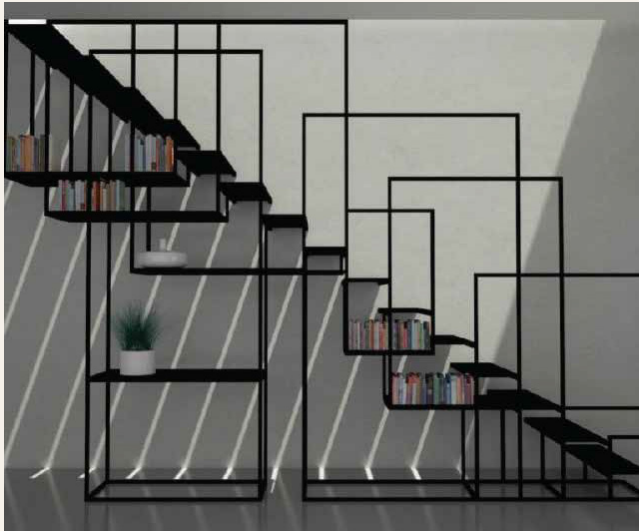
PRODUCTS





# LOFT DESIGNS & CONSTRUCTION

PRODUCTS



# OTHER CONSTRUCTIONS



# OTHER SERVICES

Our AZ company provides the following services with the latest equipment based on modern technologies:

- CNC metal laser cutting;
- CNC metal sheet bending;
- CNC metal pipe bending;
- Electrostatic powder paint;
- anchor
- X: 50.4mm / H: 173.18mm
- Metallization services of non-metals;
- Chrome plating services;
- Aqua print services;
- Gold plating;
- Plasma cutting and punch cutting;
- Automatic welding machine.

All the work done fully meets world standards. durability and quality of manufactured products are guaranteed.



# OUR EQUIPMENTS



DURMA-Abkant bending machine



KARMETAL KMT 700 cutting machine



DALGAKIRAN compressor machine



DURMA Profile bending machine



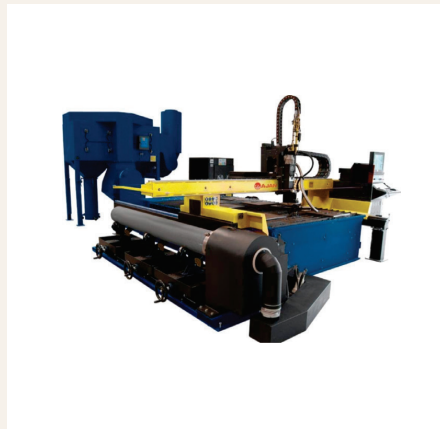
MILLER welding machine



JASIC argon welding machine



AJAN CNC-Plasma pipe cutting machine



AJAN CNC-Plasma cutting machine



ESAB welding machine



ESAB welding machine



KEN magnetic drill



KEN magnetic drill



HYSTER forklift



BAUMANN side loader



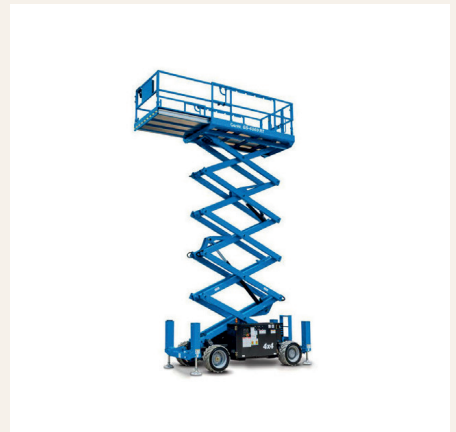
TIRTRUCK



HYUNDAI HD-35 TRUCK



80 T CRANE



12 M SCISSOR LIFT



# CONTACT US

PHONE NUMBER

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WEBSITE

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

LOCATION

Ismayil Gutgashinli 36, Azerbaijan, Baku.



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



# CASPIAN CONSTRUCTION AND TEST

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