



STP GROUP OF COMPANIES

STP Aluminium

Production of aluminum
billets and profiles

www.stp.az

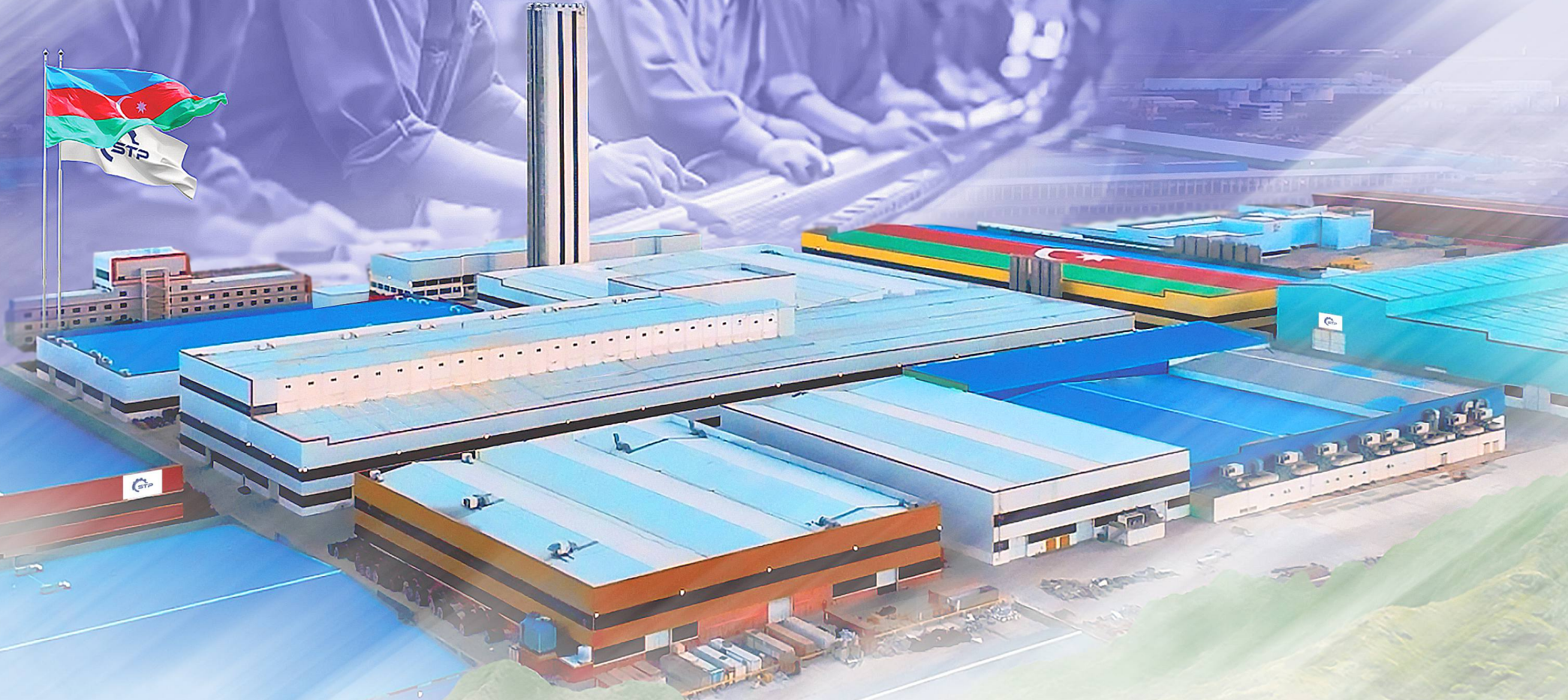
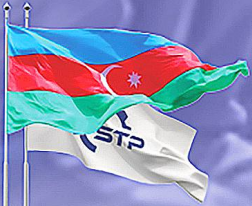


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STP ALUMINIUM

GENERAL INFORMATION

STP Group of Companies specializes in the production of versatile aluminum profiles for the construction sector and industrial applications. These profiles are used in door and window systems, furniture and facade structures, as well as other engineering and architectural solutions. The company's aluminum extrusion press lines have an annual production capacity of **4,500 tons** of profiles, while the powder coating lines can paint **2,880 tons of metal profiles** per year.

The aluminum profiles produced by STP are formed using extrusion technology and are available in various sizes, shapes, and technical configurations. The raw materials are processed in the company's own aluminum smelting and billet casting facilities, making STP one of the few companies in the region with a fully integrated production chain.

To ensure process control and operational efficiency, qualified specialists trained at advanced technology centers such as **"HANKELL Rus"** (Russia) and **"TAISS"** (Italy) are employed.

These factors enable STP to maintain sustainability, precision, and flexibility in aluminum profile production.



PRODUCTION CAPACITY

ALUMINUM PROFILES PRODUCTION CAPACITY:

4 500 tons annually

ALUMINUM BILLETS PRODUCTION CAPACITY:

30 000 tons annually

POWDER COATING PRODUCTION CAPACITY:

2 880 tons annually



AREAS OF ACTIVITY:

SMELTING
EXTRUSION
POWDER COATING
TECHNICAL GASES



SECTORS:

OIL AND GAS
CONSTRUCTION



EXPORT

- KAZAKHSTAN
- SERBIA
- TURKIYE
- POLAND
- AUSTRIA
- CZECHIA
- CANADA
- ISRAEL



EQUIPMENTS

- “HANKELL RUS” – RUSSIA
- “TAISS” – ITALY
- “BOTERSAN” – TÜRKIYE
- “SMS” – GERMANY
- “WAGSTAFF” – USA



OUR STRENGTHS AND ADVANTAGES

PRODUCTION OF ALUMINUM BILLETS AND PROFILES

The facility employs specialists trained at companies with expertise in the field. In the aluminum smelting and pre-production zone, raw materials are smelted and sent to the profile production area. The furnaces have an **annual capacity of 30,000 tons**.

The Aluminum and Copper Profiles Plant produces aluminum billets (**A6005, A6060, A6061, A6063, A6082, AD31, AD33**) with diameters of 152 mm, 178 mm, 203 mm, and 254 mm, and lengths of 6–7 meters. The plant also produces aluminum profiles in hot and cold conditions, door and window systems, aluminum busbars of various sizes for high-voltage substations and cabinets, standard profiles, as well as custom profiles according to customer specifications.

The coating is sprayed onto the profiles using a spraying system and then conveyed through a 40-meter-long polymerization oven. The paint thickness is measured and checked for compliance with **ГОСТ 22233-2018** and **9.410-88 standards**.

COATING PRODUCTION CAPACITY:

9.6 tons/day, 240 tons/month, 2,880 tons/year.



PRODUCTS AND SERVICES

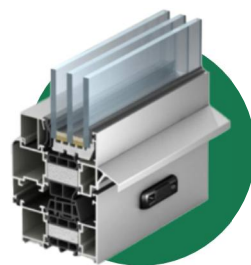
The share of local production in raw material procurement is

18%

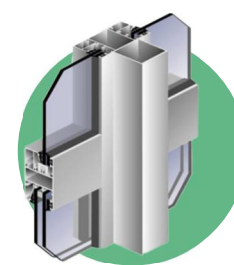


ALUMINUM BILLETS (up to 6 meters in length, diameters 152 mm, 178 mm, 203 mm, and 254 mm)

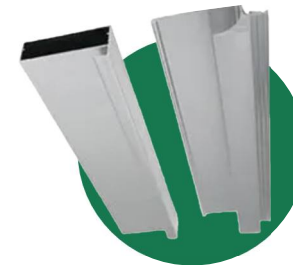
ALUMINUM PROFILES, painted or unpainted, are available according to any design. Sizes range from 25 mm to 280 mm in width, with lengths up to 6.8 meters. Powder coating services are offered in any RAL code.



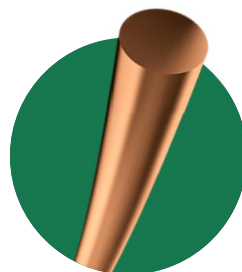
Window systems



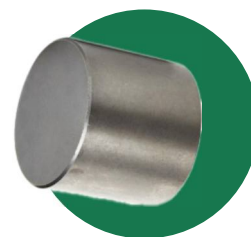
Facade profiles



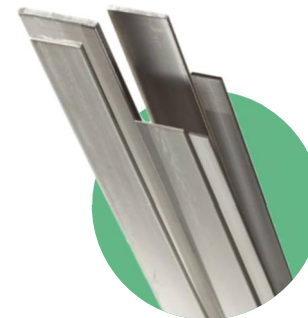
Hot and cold series profiles



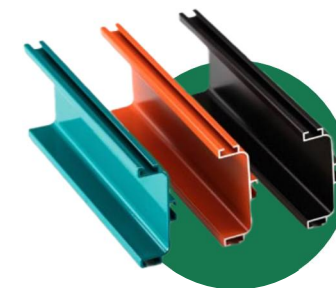
Electrical Wire Rod



Aluminium billets



Aluminium electrical busbars



Powder coating service

QUALITY CONTROL

LABORATORY

The technical parameters and quality compliance of products are strictly controlled at all stages through modern laboratory equipment operating in the production area of STP Group of Companies.

Each profile is tested before and after production for durability, dimensional accuracy, and compliance with standards.

Consequently, the products delivered to customers are validated by official certificates that comply with **INTERNATIONAL QUALITY** requirements.

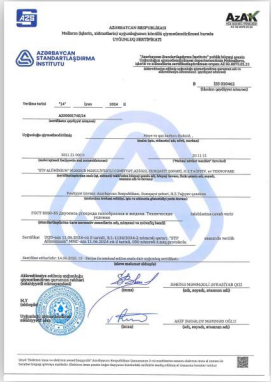
At STP, we provide full assurance of the quality and reliability of each product we produce.




IT IS
RESISTANT TO
WIND, HEAT,
AND COLD.



Production of **PROFILES** in accordance with the customer's project specifications

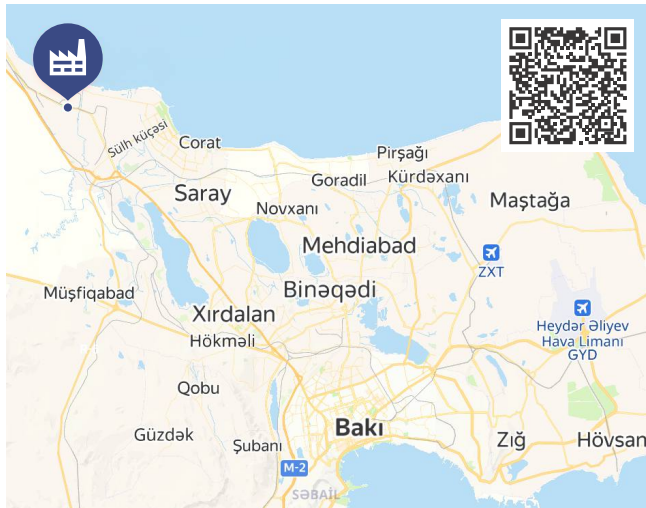


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STP collaborates with companies across various sectors through its industry-compliant production capabilities and quality-driven approach.

Our technologically advanced equipment and adaptable production infrastructure empower us to offer partners high-quality, functional solutions.

Our proven systems and skilled specialists ensure that every partnership is built on a reliable and trustworthy basis.

If stability and functionality are your priorities in manufacturing, partnering with STP may be the right choice.

It is
a light material
with high rigidity
and durability

