



**ZAVKOM**  
**ENGINEERING**

**Engineering services**  
for industrial plants



# The company today



**2014 – 2024**



**The company celebrates its 10th anniversary in 2024.**

Over the years, ZAVKOM-ENGINEERING LLC has grown into one of the leading enterprises in the field of engineering, developing new engineering directions based on many years of experience of the «Tambov “Komsomolets” machine-building plant named after. N. S. Artemova» and increasing its own production potential.

Today, ZAVKOM-ENGINEERING is the largest production and engineering organization, a reliable partner in the field of engineering with foreign representation and experience in implementing projects around the world.

# Divisions

EPCM



## LEADING RUSSIAN ENGINEERING COMPANY

### Supply of industrial facilities

- petrochemical
- biotechnological
- food
- pharmaceutical

# 01

Petrochemistry



# 02

Biotechnology



complex projects • long-term experience • energy efficient technologies • high-quality equipment just on time

## FULL ENGINEERING SERVICES IN THE PETROCHEMICAL AND BIOTECHNOLOGY INDUSTRY



Front End Engineering Design (FEED)



General design



Supporting with Design Documentation Examination



Process design



Development and supply of automated process control systems (APCS)



Installation supervision



Supply and installation of Process equipment of domestic and foreign production



Basic and Detailed Engineering Development



Commissioning works

When implementing contracts, the company is the only legally and financially responsible party to the customer.

# Cooperation Advantages



WORK UNDER EPCM CONTRACT

responsibility for deadlines, quality and production performance of the facility

DOMESTIC PRODUCTION

high-quality and timely implementation of contracts without intermediaries

EXPERIENCE IN SUPPLYING TO INDUSTRY LEADERS

Gazprom, Sibur, Tatneft, Gazpromneft, Novatek

PROVEN QUALITY

the quality management system complies with GOST R ISO 9001-2015 and Gazprom industry standard 9001-2018

DEVELOPMENT AND DELIVERY OF APCS

production optimization, emergency prevention, remote process control

PROCESS DEVELOPMENT AT PILOT INSTALLATIONS

reliable testing of new technologies before implementation in real production

WORK WITH ALL FINANCIAL INSTRUMENTS (LG, LC, SBLC, PB)

prompt and reliable contract conclusion

PRODUCTION OF SHUT-OFF AND CONTROL VALVES UNDER OWN BRAND

## BY FIELDS WE PARTICIPATE IN THE CONSTRUCTION OF PETROCHEMICAL INDUSTRY FACILITIES



Chemicals for wood processing



Gas purification plants



Catalytic processes



Oil refining



Catalytic processes



Special equipment



Evaporation plants



Creation of pilot installations

## WE SUPPLY FOOD AND BIOTECHNOLOGY INDUSTRY FACILITIES



Breweries



Distilleries



Alcohol factories, bioethanol production



Cognac factories



Deep processing of wheat, corn and peas



Non-alcoholic beverage production



Kvass and juice production



Water treatment systems



Oleochemical products



Pharmaceuticals

## ACCORDING TO OWN DEVELOPMENTS

### Internet of Things (IoT)

A new field in production automation. The advantage of this technology is the convenience of obtaining and transparency of data, energy efficiency and ease of operation.

### Emergency Shut Down System

Additional emergency protection when performing particularly hazardous technological processes.

## TURNKEY APCS FROM ZAVKOM-ENGINEERING

1. PRE-DESIGN INSPECTION
2. DEVELOPMENT OF APCS
3. DESIGN
4. PRODUCTION AND IMPLEMENTATION
5. INSTALLATION AND COMMISSIONING WORKS
6. PERSONNEL TRAINING





# Project geography



## Adhesive Compositions Production Plant

Customer: «Synergy LLC»

Sverdlovsk region, 2023



- Process design
- Complex supply of process equipment
- Supervision of installation works
- Commissioning works

## Pea protein isolate production line

Skolkovo, 2021



- Process design
- Complex supply of process equipment
- Installation works
- Commissioning works
- Personnel training

## Distillery

JSC «Uzbekistan Premium»

Tashkent, 2020



- Process design
- Complex supply of process equipment
- Installation works
- Commissioning works

## Vacuum evaporation plant for local treatment facilities

«Voronezhsintezkauchuk» JSC

Voronezh, 2020



- Development of design and detailed documentation
- Complex supply of process equipment:
  - vacuum evaporation unit
  - lithium salts drying unit
  - installation of packaging lithium salts in bags
- Installation supervision works
- Commissioning works Personnel
- Personnel training

# Implemented projects



## Deep wheat processing Plant

«Aminosib» JSC

General design

Complex supply of process equipment

Installation works

Commissioning works

Personnel Training

Tyumen region, Ishim, 2018



## Mineral Fertilizer Plant

Supply of anchor supports

Supply of mechanical and electrical equipment

Installation Guide

Commissioning works

Personnel Training

## Starch and starch-containing products production plant

Development of «Basic Engineering»

Coordination of all design solutions with the licensor

## Naphthalene production plant

«MMK» JSC

Magnitogorsk, 2018



- Process development for the production of naphthalene from a naphthalene-containing fraction
- Design and detailed documentation development
- Complex supply of Process equipment:
  - naphthalene rectification unit
  - raw material storage warehouse
  - warehouse for storing finished products
  - flake naphthalene production plant
- Installation supervision works
- Commissioning works Personnel
- Personnel Training

## Rectification unit and vacuum evaporation unit

«Geropharm» LLC

St. Petersburg, 2017



- General design of a pharmaceutical substance production plant
- Design and detailed documentation development
- Complex supply of Process equipment:
  - solvent rectification units
  - solvent storage warehouse
  - vacuum evaporation unit for peptide
- Installation works
- Commissioning works
- Personnel Training



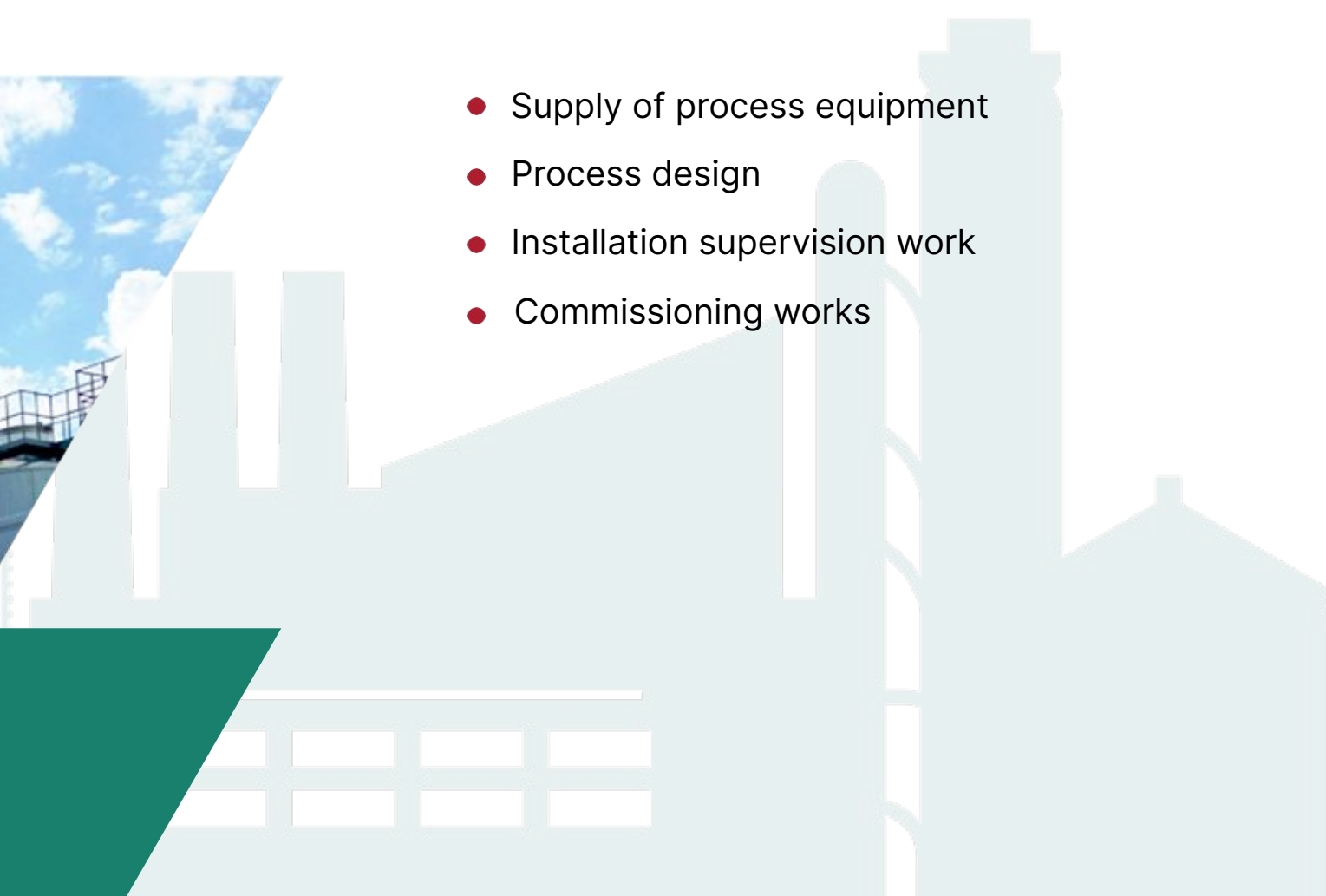
## Beer fermentation department

CJSC «Moscow Brewing Company»

Mytishchi, 2016



- Supply of process equipment
- Process design
- Installation supervision work
- Commissioning works



## Urea-formaldehyde and melamine-urea-formaldehyde resins production Plant

«Schattdecor» LLC

Tyumen, 2015



- Design and detailed documentation development
- Complex supply of Process equipment:
  - resin production plant
  - raw materials & reagents storage warehouse
  - finished products storage warehouse
- Installation supervision works
- Commissioning works Personnel
- Personnel Training

## Enzyme preparations production Plant

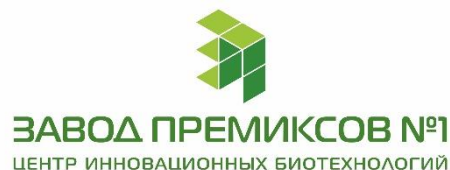
«Agroferment» LLC

Tambov region, 2014



- General design
- Complex supply of process equipment
- Installation works
- Commissioning works
- Personnel Training

# They trust us

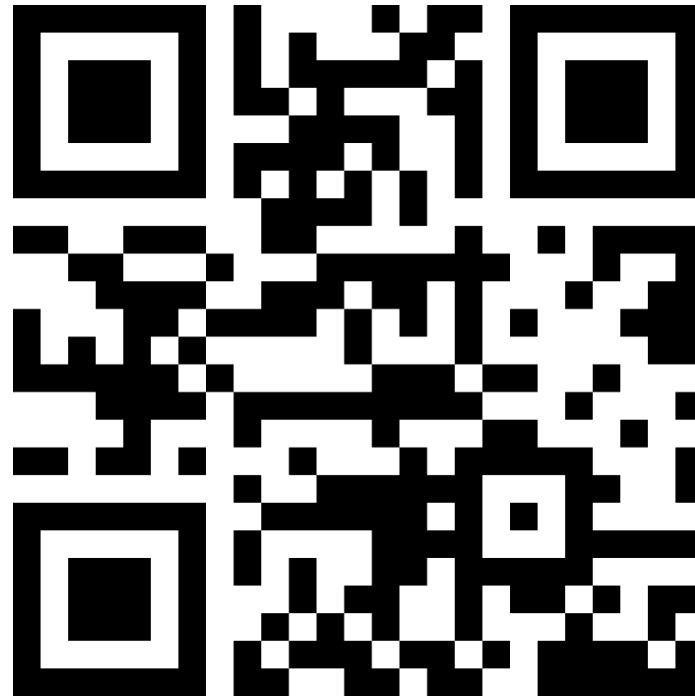


More references are available on  
our website



[ZavkomGroup.com](http://ZavkomGroup.com) → FOR CLIENTS — Reference list

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