



# **ECT SERVICE LLC**

## Engineering company

**Moscow 2019**

- Engineering company **ECT SERVICE LLC** was founded in 1991 by a team of experts from leading research & development and design institutes working for refinery and petrochemical industry (VNIPIneft, GIPROKAUCHUK, GIPROIV, VNIINP) as well as by the people that came from design company JSC «PKTI promstroy»
- **ECT SERVICE** is an engineering company that actively works in O&G industry. Company permanent staff consist of 140 highly experienced professionals. Some our projects involve up to 400 people.
- **ECT SERVICE** has offices in Tomsk (opened in 2002) and in Ryazan (opened in 2008) capable to perform full range of engineering services for upstream and downstream projects in O&G, as well as in petrochemical industry.
- **ECT SERVICE** has long-term contracts with leading Russian vertically integrated companies (ROSNEFT, Surgutneftegaz, Gazpromneft, etc.) and known as reputable and reliable business partner
- **ECT SERVICE** has access to a wide range of most modern technologies and equipment.
- **ECT SERVICE** management system is certified for ISO 9001:2015; ISO 14001:2015 и OHSAS 18001:2007.

- **Research and Pre-design Surveys. Feasibility Studies**
- Operating Facilities surveys and Debottlenecking Recommendations
- Investment Justification Studies and Preparation of Design Criteria, Feasibility Evaluations and Feasibility Studies using Data Banks, Prices Books and Cost Estimates
- **Development of Basic and Detailed Design Packages**
- Engineering & Design in all Disciplines (Process, Piping, Civil, Instrumentation, Electrical, etc.) including packages produced under International Design Standards (ASME, API, DIN, etc.)
- Review and upgrade of Design Packages developed by international engineering companies to assure compliance with local rules and regulations
- Support of Authorities approvals for Design Packages, assurance of positive opinions
- **Local Subcontractors management, Construction and Erection Supervision, Commissioning and Start Up Supervision**
- Scope of Work definition, ToR Development, work planning and management, QA/QC, work acceptance

- **Upgrading existing facilities to meet Fire protection and Explosion Safety Norms and Regulations**
  - Existing facilities surveys and analysis for compliance with safety regulations, issuing recommendations for necessary upgrades
  - Design for facilities upgrades to comply with safety regulations
  - Support of Authorities approvals, assurance of positive opinions
- **Industrial Safety Analysis, Development and Review of Industrial Safety Statements**
  - Development and Review of Industrial Safety Statements
  - Support of Authorities approvals for Industrial Safety Statements, assurance of positive opinions from Industrial Safety Authorities
- **Construction Supervision**
  - Field and office engineering support for construction commissioning and Start Up

- **Oil & Gas gathering systems and treatment units**
- **Infield and export pipelines**
- **Crude Desalting**
- **Distillation units for Crude Oil and Gas Condensate**
- **Gas Plants**
- **Naphtha Stabilization**
- **Light Naphtha Isomerization**
- **Hydrotreaters for Naphtha, Diesel and Gasoil**
- **Hydrogen Production**
- **Catalytic Reforming**
- **Catalytic Cracking**
- **VGO Hydrocracking**
- **Visbreaking**
- **Delayed Coking**
- **Bitumen Production**
- **Sulfure recovery**
- **Chemical Products Distillation**
- **Offsite & Utility Facilities (Power Generation and Distribution, Field Camps, Effluent Water and Waste Treatment and Disposal, Flare Systems, Tank Farms, Fire Fighting etc.)**
- **Russian Compliances Assurance and GOSEPERTIZA support for Foreign Design Packages and Imported Equipment**





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