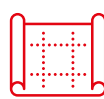


WORLD SOLUTIONS MADE IN POLAND



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POLISH CLUSTER OF CONSTRUCTION EXPORTERS



SERVICES CATALOGUE

World Solutions. Made in Poland is a comprehensive construction services offer involving world-class specialists, know-how, advanced technologies and experience, as confirmed by our participation in spectacular projects around the world.

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RESIDENTIAL CONSTRUCTION

- HVAC
- Comprehensive construction of structures
- EPC services and the following additional scopes of works: shell works; commercial facade finish supply, including ventilated and aluminium facades; PVC joinery and aluminium metal joinery supply; finishing works
- Modular multi-unit residential buildings, boarding houses and temporary buildings





NON-RESIDENTIAL CONSTRUCTION

- HVAC
- EPC services (shell works, commercial facade finish, finishing works)
- Hotels
- Sports arenas and venues
- Office buildings
- Parking garages
- Logistics centres
- Renovation of historic buildings
- Electric systems: transformer stations, electric power supply and lighting systems, feature lighting
- Data and phone wiring
- Distribution boards
- Automation systems for power generation sector
- HV power lines, including: overhead HV power lines
- Structural steelwork for hall buildings, design, production and assembly
- Construction, joinery and roof assembly
- Project management: contract engineer, EPC contractor, general contractor
- Structural steelwork for public buildings
- Production and warehouse buildings



INDUSTRIAL BUILDING CONSTRUCTION

(INCLUDING POWER SUPPLY SECTOR)

- Complete power units
- Process islands (boiler island)
- Environment protection facilities, desox, de-nox, scrubbing
- Trade effluent treatment
- Air and process gas cleaning
- Construction of industrial systems
- Renting and sales of falsework systems
- Production and storage of power
- Power transmission and distribution
- Automation and ICT
- ECP services
- EPC implementations in the gas & oil, petrochemicals and chemistry sector
- Construction of oil wells and gas mines
- LNG and CNG production facilities
- Gas pumping
- Underground gas warehouses
- Oil tank from 1.000 m³ to 200.000 m³
- Construction of large- and medium-sized high-pressure gas pipelines
- Production plants and halls
- Agricultural and food processing plants
- Wind farms
- Logistics centres
- Industrial electric power supply lines
- High-, medium- and low-pressure gas pipelines



INDUSTRIAL BUILDING CONSTRUCTION

(INCLUDING POWER SUPPLY SECTOR)

- Oil transmission pipelines
- Storage tanks for liquid fuels
- Turn-key implementation of power supply projects for the following clients:
 - › CHP stations
 - › power plants
 - › heating stations
- Construction and modernisation of environment protection systems:
 - › flue gas desulphurisation systems
 - › scrubbing systems
- Construction and modernisation of water treatment stations, including:
 - › process units
 - › water demineralisation
 - › membrane technologies
 - › distilling equipment
 - › decarbonising
 - › flocculation and coagulation
 - › filtration
 - › iron and manganese removal
- Construction and modernisation of waste disposal plants, including:
 - › waste incineration boilers
 - › electricity generation from biogas
 - › fuel production from waste
 - › sludge dryers

INDUSTRIAL BUILDING CONSTRUCTION (INCLUDING POWER SUPPLY SECTOR)

- Renovations and modernisations of:
 - › power units
 - › steam, hot water and oil-fired boilers with auxiliary equipment
- Industrial services:
 - › diagnostics (supported by a network-based computer diagnostic system)
 - › monitoring the condition of machinery and processing lines
 - › inspections and maintenance
 - › ongoing repairs, removal of defects and faults
 - › planning and conducting renovation works
 - › technical assistance
- Diagnostics and technical inspections
 - › Pre-fabrication of large-size furnaces
 - › Pre-fabrication of structural steelwork and piping
 - › Engineering, procurement and construction of petrochemical systems and related systems
 - › Structural steelwork for mining industry
 - › Structural steelwork for telecommunications
 - › Structural steelwork for car dealerships and parking lots
 - › Radio masts and towers, power transmission towers



INFRASTRUCTURAL CONSTRUCTION

(INCLUDING CIVIL ENGINEERING
AND ENVIRONMENTAL WORKS)

- Technology buildings
- Construction of civil engineering structures: bridges, culverts, overpasses
- Construction of rail infrastructure: railway stations, open-line tracks, highway level crossings, metro lines, tram lines
- Construction of hydro-engineering structures
- Air cleaning
- Electric power systems, mechanical systems, automation
- EPC
- Construction of gas pipelines and underground sewer piping
- Construction of environment protection facilities
- Construction of hydro-engineering structures, including: marine hydro-engineering structures (quays, piers, breakwaters, pleasure piers), inland hydro-engineering structures (hydraulic power plants, river bank improvements, weirs, storage reservoirs)
- Construction of transport infrastructure, including: construction of roads and parking lots, railway stations and railroads, tram lines, transport tunnels, bridges, pedestrian tunnels and crossings
- Electrical networks
- Telecommunication networks
- Gas networks
- Road infrastructure elements



PRODUCTION

- Boilers, electrostatic precipitators, bag filters, flue gas desulphurisation systems, NOx reduction systems, boiler elements (coils, pipelines, chambers, membrane walls, boiler barrels, tanks), structural steelwork, flue gas ducts, air ducts and more
- Advanced systems and structural elements of rail surfaces of metro, railways, trams and industrial railways
- Construction chemicals for infrastructure and industry
- Composite systems for improving structures made of concrete, steel, ceramic elements and timber
- Pre-fabricated elements - concrete
- Modular houses - concrete
- Elements/panels (including walls, ceilings, floors) of timber framing technology and modular technology, pre-fabricated bathrooms with furnishing, hotel rooms with furnishing
- LV MCC switchgears, OKKEN type; LV switchgears for electric power distribution, PRISMA type
- structural steelwork
- Bituminous mass
- Chimneys
- Drilling rigs support structure
- Conveyors support structure, e.g. coal handling plants, pipelines
- Structural steelwork made of regular steel and heavy duty steel up to S690GL grade
- Structures and pipelines made of special materials, including stainless steel
- AIRECO scrubber - deodorisation
- SELOP - drainages for chamber filters



DESIGN SERVICES

- Preliminary design, basic engineering design, detailed designs, process engineering design, feasibility studies, building permit design
- Rail infrastructure for the metro, railways, industrial railways and trams: civil structures, railway stations, open-line tracks, highway level crossings, tram track beds
- Analysis and design of insulation solutions for industrial processes
- Falsework design
- Design of industrial systems facilities
- Electric systems; electric power systems: primary and secondary circuits
- Basic designs, gas and oil processing, oil and gas sector design
- Enclosed structures in the “design, build & furnish” system
- Design of electric power supply and lighting systems
- Design of HV, MV and LV buried power lines
- Design of HV, MV and LV overhead power lines
- Design of lighting for roads, streets and squares; design of traffic lights
- Design of septic systems
- Design of data and phone wiring
- BPBK - comprehensive design studies for environmental engineering systems



OTHER

- Removal of asbestos
- Industrial construction services for rebar concrete structures
- Assembly of pre-fabricated rebar concrete structures
- Scoping studies and location studies
- Programme and spatial concept studies
- Feasibility studies
- Pre-privatisation studies
- Reports, analyses and consulting services for heating energy
- Environment protection services
- Diagnostics
- 3D scanning
- LV electric power supply and lighting maintenance services
- Data and phone wiring maintenance services
- LV apparatus maintenance services
- Measurement and control works of station and dispatch telemechanics, electrical measurements
- Relocation, disassembly, packaging and assembly of industrial devices, complete processing lines and plants in various industrial sectors (sugar mills, power plants, paper mills, chemical plants, cement mills, metallurgical industry)
- Technical assistance for industrial construction
- Optimisation and reduction of consumption of materials in a project
- System structures with facilities:
 - › ducts
 - › chimneys
 - › fabric filters and electrostatic precipitators



OTHER

- › chutes
- › silos
- › tanks
- Lifting structures - cranes (including harbour cranes)
- Support structures for process lines and pipelines
- Offshore structures (support structures for wind turbines, offshore platforms)
- Radar and antenna platforms
- Anti-corrosion treatment of steel products:
 - › hot-dip galvanising according to PN-EN ISO 1461 standard
 - › hydrodynamic painting according to PN-EN ISO 12944 standard
 - › zinc spray metalizing according to PN-EN ISO 2063 standard
 - › mechanical cleaning (grit blasting) according to PN-EN ISO 8501-1 standard
- Structural steelwork for marine & offshore sector
- Structural steelwork for oil platforms, underwater structures and wind farms
- Harbour cranes, overhead cranes, ramps
- Production and installation of ship and harbour ramps
- Production of individual components of hulls and waterborne vehicles
- Production and assembly of waterborne vehicles

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**POLISH CLUSTER
OF CONSTRUCTION
EXPORTERS**

30 Rakowiecka St.

Warsaw 02-528

T +48 22 203 42 78

E office@pcoce.com

www.pcoce.com

www.twitter.com/PCOCE_com

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