



PARALOS S.A. is dedicated to provide, design, construction, installation, commissioning and maintenance services in the fields of Industry, Energy and Environment.

■ INDUSTRIAL & BULK HANDLING PROJECTS:

EPC Projects in the Heavy Industry Sector. Construction of new Production Plants.

■ GENERAL FACILITY PROJECTS & MAINTENANCE WORKS:

Construction of general facility projects and provision of specialized operation & maintenance services

■ ENVIRONMENTAL & INDUSTRIAL LIQUID WASTE PROJECTS:

Development of Customized treatment techniques for environmental projects and industrial liquid byproducts

■ PORT WORKS PROJECTS:

Detailed design and installation of port loading/off loading facilities, port electromechanical infrastructure, Onshore Power Supply (OPS) - Cold Ironing, HV and MV Substations for permanent dry and floating docks, construction of mooring and anchorage systems, customized buoys and underwater pipelines. Development of simulation scenarios for naval vessels safe approach to port and mooring, through specialized computer simulation software.

■ ENERGY PROJECTS:

EPC Projects of ENERGY Production, Transmission and Distribution High Voltage Substations (Air Insulated or GIS type), High and Medium Voltage Transmission Lines, Energy Production from Wind, Oil & Gas.

■ GAS/FIRE DETECTION & PERSONAL PROTECTION SYSTEMS:

Provision of effective solutions and systems for the safety of personnel at work.

The effective project management combined with advanced engineering in a wide range of applications such as mechanical, electrical, civil, process and automation provides innovative solutions ensuring high performance and exceptional quality. The company continuously allocates significant amount of funds for Research and Development following the international technological needs thus enriching its level of expertise. This expertise –gained through the execution of relative projects for world known clients-is analytically presented hereby, accompanied with the corresponding certificates.

MAJOR CLIENTS

- | | | |
|---------------------------------|----------------------------|-------------------------------|
| ■ TITAN CEMENT Group | ■ HELLENIC PETROLEUM | ■ AVIN |
| ■ LAFARGE Group | ■ MOTOR OIL HELLAS | ■ CORAL |
| ■ VIOHALCO Group | ■ GAMESA ENERGY | ■ ELPEDISON |
| ■ M. J. MAILLIS Group | ■ GAMESA EOLICA | ■ PLANKTON FIRST |
| ■ FRIESLAND COBERCO DAIRY FOODS | ■ WÄRTSILÄNSD Co | ■ GASTRADE |
| ■ THYSSENKRUPP MARINE SYSTEMS | ■ PUBLIC POWER CORPORATION | ■ Thessaloniki Port Authority |
| ■ LOULIS Group | ■ EFACEC Group | ■ ONEX Elefsis Shipyards |
| ■ ALUMINIUM OF GREECE | ■ SIEMENS | ■ ONEX Syros Shipyards |
| ■ OLYMPIC AIR | ■ VATECH | ■ HEDNO (ΔΕΔΔΗΕ) |
| ■ HELLAS GOLD | ■ MOTOROIL | |
| ■ TSAKOS SHIPPING | ■ HELLENIC NAVY | |
| ■ HEC | ■ LARCO | |



INDUSTRIAL & BULK HANDLING PROJECTS



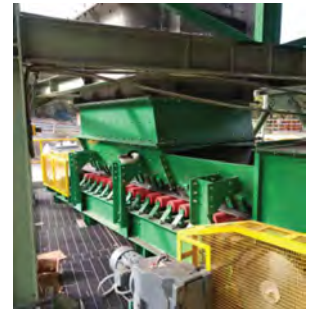


FIELDS OF EXPERTISE:

INDUSTRIAL & BULK HANDLING PROJECTS

EPC Projects for several industrial sectors including Cement & Mining Industry, Metallurgy and Refineries. Design & construction of custom made solutions for upgrading existing production plants.

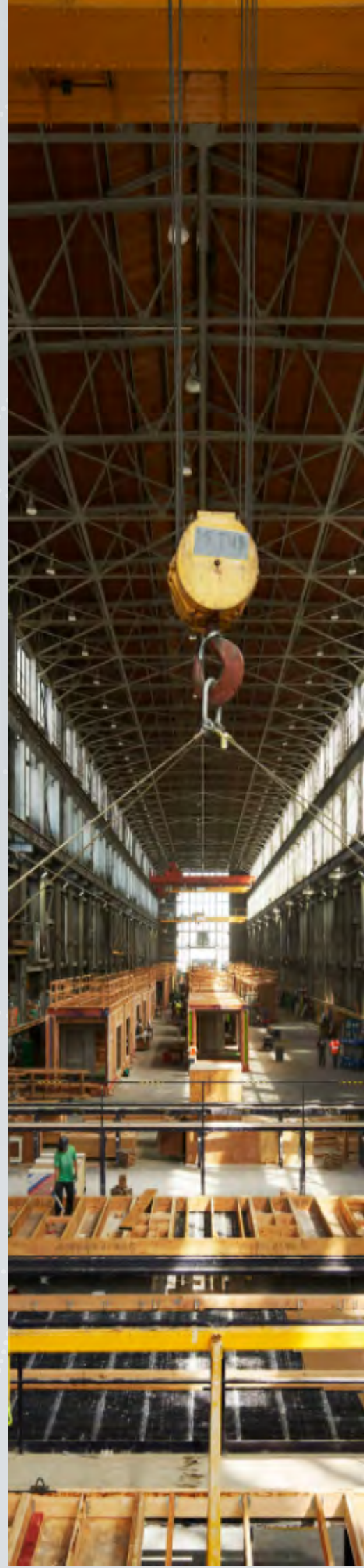
- Civil works Design and Detailed Engineering
- Erection & Infrastructure works
- Equipment Construction & Procurement
- Commissioning & Performance test



CLIENT	INDUSTRIAL PROJECTS	YEAR
HELLAS GOLD	Modification of feeder FDR0025 for bulk handling material	2020
HELLAS GOLD	Modification of feeder FDR0024 for bulk handling material	2019
ALUMINIUM of Greece – Ag. Nikolaos plant	Horizontal Welding Machine for Anodes	2014
LAFARGE Group-AGET VOLOS Plant	Study, Fabrication and Installation of a "Big-bags containing pet- coke Transportation System from the Plant Area to the Port	2014
LAFARGE Group-AGET VOLOS Plant	Study Fabrication and Installation of a "Slings Transportation System from the plant area to the port via an existing underground tunnel"	2012
LOULIS GROUP	New Plant's Electrical Installation (620 motors, 150km power and control cables)	2012
TITAN Cement Co S.A. Kamari Plant	Upgrade of Excavation Unit	2011
LAFARGE Group-AGET VOLOS Plant	Engineering, Study, Prefabrication, Civil and Erection Works for the "New Masonry Cement Line"	2010
LAFARGE Group-AGET VOLOS Plant	Prefabrication, Construction and Erection of RK1 new ID Fans - Prefabrication and Erection for PH tower Debottlenecking	2009
LAFARGE Group-AGET CHALKIS Plant	Design, Procurement and Erection of Heavy Fuel Oil Installation Line C	2009
VIOHALCO Group - SYMETAL S.A.	Design Installation and Commissioning of the new MV and LV energy distribution system	2009
TITAN Cement Co S.A. Kamari Plant	Installation of new MCC Substations and Cable Network. Commissioning and start-up	2008
M. J. MAILLIS S.A.	Design and construction of new Patenting Plant (EPC Project)	2007
TITAN Cement Co S.A. Kamari Plant	Installation of electrical panels. Installation & termination of power and control cables. Installation & connection of control systems.	2007



GENERAL FACILITY PROJECTS & MAINTENANCE WORKS





FIELDS OF EXPERTISE:

GENERAL FACILITY PROJECTS & MAINTENANCE WORKS

Construction of general facility projects and provision of specialized operation & maintenance services

- Facility projects design and construction
- Specialized maintenance works
- HV Substations predictive and preventive maintenance (specialized testing equipment available)
- Wind Farms operation & maintenance
- Mechanical and Electrical Maintenance Services for Industry Plants



CLIENT	GENERAL ELECTROMECHANICAL PROJECTS	YEAR
Thessaloniki Port Authority	Installation & Maintenance of 30 Material Handling Machines with DAFO vehicle Fire suppression System	2023-2024
ADMIE (Independent Power Transmission Operator)	Project Manager/Management Consultant for the implementation phase of the Substation portion of the project: «Interconnection of the Cyclades Islands (Syros, Paros, Mykonos and Tinos) with the mainland grid».	2014-2015
GAMESA Group	Maintenance Frame – Contract for a 25,5MW Wind Farm including 30 Gamesa Wind Turbines and one 20/150kV Step-up Substation at Kithaironas, Viotia	2013-2015
TITAN Cement Co S.A. Kamari Plant	Maintenance Frame – Contract for the plant's 150/20KV Substations & testing of the protection system	2012-2015
VIOHALCO Group - SYMETAL S.A.	Heating, Ventilation and Air-conditioning Systems for the New Industrial Mixers hall and the New Chemistry Laboratory	2012
OLYMPIC AIR	Maintenance Contract of EL VENIZELOS AIRPORT Technical Base	2009
VIOHALCO Group - ELVAL S.A	Design Supply and Installation of Ventilation and Cooling systems	2007
TITAN Cement Co S.A. Thessaloniki Plant	Design, Procurement and Erection of Specialized Substation Ventilation and Cooling System (900,000 BTU)	2007
VIOHALCO Group - SYMETAL S.A.	Design Supply and Installation of Production Line Ventilation System	2007
LOULIS GROUP	Electrical Works and Maintenance Services for MV and LV Electrical Installation	2006-2009
THYSSENKRUPP MARINE SYSTEMS Hellenic Shipyards S.A.	Maintenance and Repair Works on Dry Docks	2006-2008
THYSSENKRUPP MARINE SYSTEMS Hellenic Shipyards S.A.	Overall maintenance works for On Load Tap Changers of two Power Transformers 150/20KV, 50MVA	2006
MOTOROIL S.A.	Supply and Installation of Electromechanical Systems of the new Electrical Substations	2005
THYSSENKRUPP MARINE SYSTEMS Hellenic Shipyards S.A.	Full maintenance works of 150/20kV Substation.	2005
General Hospital EVAGELISMOS	Complete Retrofit of Low Voltage Substation	2005
General Hospital POLYKLINIKH	Electromechanical Works and Facilities Systems Maintenance	2004-2009
FRIESLAND Coberco Dairy Foods	Complete Electromechanical and Utilities Installation.	2004



ENVIRONMENTAL &
INDUSTRIAL LIQUID WASTE / OIL
SLUDGE PROJECTS





FIELDS OF EXPERTISE:

ENVIRONMENTAL & INDUSTRIAL LIQUID WASTE/OIL SLUDGE PROJECTS

Design and Construction of customized treatment systems for industrial liquid by-products.

- Design & Detailed Engineering
- Unique and customized filtration techniques for heavily polluted wastewater resulting to Zero Liquid Disposal
- System's Installation
- Commissioning and Start-Up
- Performance Tests



CLIENT	ENVIRONMENTAL PROJECTS & INDUSTRIAL LIQUID WASTE	YEAR
PLANKTON FIRST.	Engineering, Procurement and Construction of Sea Water Treatment Plant (80 m ³ /day) for cultivation of Plankton sea weed. Usage for pharmaceutical and food industry	2021-2024
HELLAS GOLD	Design and supply of Mine Water Filter System	2020
HEC	Oil Sludge Treatment & Recovery System (Onshore)	2018
HEC	Oil Sludge Treatment & Recovery System (Offshore)	2017
HELLAS GOLD	EPC project - Gas fumes extraction and processing system from solution preparation tanks for CuSO ₄ , NaCN & S.I.P.X. – processing maximum 3.000m ³ /hr of contaminated air	2015
TUPPERWARE HELLAS S.A.I.C.	Biological Treatment Plant – Process & Operational Restoration (processing 35m ³ /day achieving full environmental compliance)	2015
NIREUS S.A. – ILKNAK S.A.	Sea water Treatment Plant Optimization by New Filtering System Intervention (processing 1100m ³ /hr achieving 99.99% removal of Total Suspended Solids)	2013
PPC – Rhodes Power Plant	Fuel Recovery by refining HFO and Diesel oil residues using thermo mechanical technology (Fuel and Water products ready and suitable for reuse – No Disposal)	2012
SYMETAL S.A.	RTO equipment assembly & erection, design-construction-installation of infrastructure, auxiliary and electrical equipment (processing capability 28,000 m ³ /hr – VOC destructing - efficiency 97.5 to 99.7% - thermal efficiency 95%)	2010
M.J. MAILLIS S.A.	Engineering, Procurement and Construction of Wastewater Treatment Plant (200 m ³ /day resulting to 90 % recovery and recycle – zero liquid disposal)	2009



MARINE PORT WORKS PROJECTS





FIELDS OF EXPERTISE:

MARINE PORT WORKS PROJECTS

Design & construction of custom made solutions for upgrading existing Marine port installations & loading procedures.

- Detailed design and installation of port loading/off loading facilities, port electromechanical infrastructure, HV and MV Substations for permanent dry and floating docks
- Detailed Engineering and construction of mooring and anchorage systems, customized buoys and underwater pipelines.
- Shipyard's Infrastructure projects. Design and Construction of Workshops, Submarine Hangars, Shipbuilding berths.



CLIENT	INDUSTRIAL PROJECTS	YEAR
ONEX SYROS SHIPYARDS	Study and Engineering of M.V. Substations in Syros Shipyard.	2024-
ONEX ELEFSIS SHIPYARDS	Engineering, Procurement and Construction of M.V. Substations & OPS - Cold Ironing in Elefsis Shipyard.	2024-
CORAL	Multi buoy Mooring (MBM) for tanker ships - Vessels mooring analysis Kalochori-Thessaloniki	2024
GASTRADE	Study, Engineering and Installation of SPBM and LMB offshore Kalochori-Thessaloniki	2024
AVIN	Offshore Nitrogen Pigging System for submarine pipeline cleaning	2020
CORAL	Pier Upgrade in the Installation of RAPI Rhodes	2019
CORAL	Kavala Submarine pipelines Installation	2018
CORAL	Environmental Licencing for Kavala Submarine pipelines Installation	2018
CORAL	Kavala offshore Mooring Installation	2018
CORAL	Thessaloniki Submarine pipelines Installation	2017
CORAL	Environmental Licencing for Thessaloniki Submarine pipelines Installation	2017
CORAL	Thessaloniki offshore Mooring Installation	2017
PUBLIC POWER CORPORATION S.A. (ΔΕΗ)	Design, licensing, construction & installation of sea buoys at Power Station of Mykonos & Paros	2017
LAFARGE Group-AGET VOLOS Plant	Pier C' Modification	2013
THYSSENKRUPP MARINE SYSTEMS Hellenic Shipyards S.A.	Complete Electromechanical Installation of Heavy Machine Shop. Study, Design ,Procurement, Erection and Commissioning.	2007



ENERGY PROJECTS





FIELDS OF EXPERTISE:

ENERGY PROJECTS

EPC PROJECTS of Energy Production, Transmission & Distribution Systems

- HV Substations (air insulated and GIS type) and HV & MV Transmission Lines for the interconnection of industries and power plants to the HV grid.
- Wind Farm EPC Projects. Construction of Wind Farms including design, procurement of equipment, civil works, EM works, commissioning & start up.
- Large scale PV Plants EPC Projects.



CLIENT	ELECTRICAL ENERGY PROJECTS	YEAR
GAMESA	Design and Construction of New Step up Substation 20/150kV 50MVA, EPC Project - Vagia Viotia	2016
GAMESA	Design and Construction of New Step up Substation 20/150kV 50MVA, EPC Project - Kokkino Viotia	2016
INTRAKAT	Design, Procurement, Supply, Erection & Commissioning of new step up 20/150kV 50MVA Substation (Extension) – EPC Project	2014
GAMESA	Turn-Key Construction of a 6,8MW Wind Farm (8 Wind Turbines GAMESA G52/850KW) aerial MV line (≈15km) for the Grid interconnection of the WF - Pylos Messinia	2013
GAMESA	Construction of a new 150kV Overhead Transmission Line for the interconnection of a 25,5MW Wind Farm to the HV grid – Kithaironas, Viotia	2012
GAMESA	Design and Construction of New Step up Substation 20/150kV 50MVA, EPC Project - Kithaironas Viotia	2011
TERNA/SIEMENS	Erection and Commissioning of New Step up 20/150kV 100 MVA Substation - Skourta Viotia	2011
GAMESA	Design and Construction of New Step up Substation 20/150kV 50MVA, EPC Project - Polimilos Kozani	2010
AKTOR/EFACEC	Erection and Commissioning of New Step up 20/150kV 50MVA Substation - Methana Attiki	2010
THYSSENKRUPP MARINE SYSTEMS	Complete upgrade of Energy Distribution System. Design, Erection, Protection Study, Commissioning, Start up and Training of 17 MV and 1 HV Substations - Skaramagkas Attiki	2008
ENELGREEN POWER	Construction of 2MW PV Park	2009
VIGO ENERGY	Construction of 7,5MW PV Park	2012
PRIVATE PV INVESTMENTS	Construction of total 18MW PV Park	2012-2013
PPC/VATECH	Erection and Commissioning of 150/20kV 100MVA GIS Electrical Substation. - Olympic Village, Attiki	2004



GAS/FIRE DETECTION & SAFETY SYSTEMS



PARALOS
INDUSTRIAL & MARINE SYSTEMS

MSA
The Safety Company

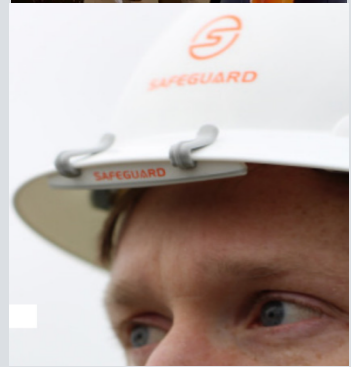
NIGHTSTICK
Life Depends on Light

FLAM
SYSTEMS



DAFO
Vehicle

SAFEGUARD





FIELDS OF EXPERTISE:

GAS/FIRE DETECTION & SAFETY SYSTEMS



Paralos Engineering S.A provides Study, Design, Procurement and Installation of Gas Detection Systems and portable instruments of MSA brand (www.msasafety.com) as official representative.

CLIENT	PERMANENT GAS DETECTION PROJECTS
HELLENIC PETROLEUM	Design and Supply of Explosive & Toxic Gas Detection System
HELLENIC PETROLEUM (Fyrom Plant)	Design and Supply of Explosive Gas Detection System
ELPEDISON	Permanent & Portable Gas Detection Units
LAFARGE GROUP AGET Chalkis Plant	Permanent & Portable Gas Detection Units Combustible, Oxygen and Toxic Gases
TITAN Cement Co S.A. Kamari Plant	Design, Supply and Installation of Oxygen Combustible and Toxic Gases
SPECIFAR	Design and Supply of Explosive and Oxygen Gas Detection System
HELLENIC PETROLEUM	Portable Gas Detectors for Toxic Gases
MOTOROIL	Portable Gas Detectors for Combustibles, Oxygen and Toxic Gases
KAVALA OIL	Portable Gas Detectors for Combustibles, Oxygen and Toxic Gases
ATERMON – EKME	Portable Gas Detectors for Toxic Gas
ΕΛΒΑΛ-ΧΑΛΚΟΡ	Permanent Gas Detection Units
ΔΕΗ	Permanent Gas Detection Units
HELLAS GOLD	Permanent & Portable Gas Detection Units
TSAKOS COLUMBIA	Permanent Gas Detection Units
ΕΛΠΕ	Permanent Gas Detection Units
PAPERAXON	Permanent Gas Detection Units
M/MARITIME	Permanent Gas Detection Units
SYMETAL	Permanent Gas Detection Units





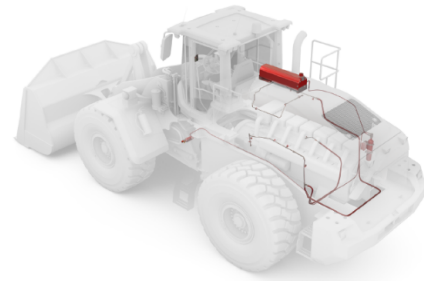
FIELDS OF EXPERTISE:

GAS/FIRE DETECTION & SAFETY SYSTEMS



Paralos Engineering S.A provides Study, Design, Procurement and Installation of Fire Detection and Safety Systems of DAFO, FLAIM and Safeguard brands as official representative.

CLIENT	VEHICLE FIRE SUPPRESSION
Thessaloniki Port Authority	Installation & Maintenance of 30 Material Handling Machines with DAFO vehicle Fire suppression System
DBS	Maintenance of a Material Handling Machines with DAFO vehicle Fire suppression System
Ο.ΣΥ.	Maintenance of 12 Buses with DAFO vehicle Fire suppression System



CLIENT	FLAIM PROJECTS
HELLENIC PETROLEUM	Fire suppression training
HELLAS GOLD	Fire suppression training
ENERGIAN	Fire suppression training



CLIENT	CURRENT AND VOLTAGE DETECTION PROJECTS
HEDNO	Personal current and voltage detector in M.V. substations for the technicians of HEDNO
ONEX ELEFSIS SHIPYARDS	Personal current and voltage detector in M.V. substations for the technicians of Elefsis Shipyards





PARALOS

INDUSTRIAL & MARINE SYSTEMS



**PROJECT
CERTIFICATES**

A Brief Presentation

Based in Greece, PARALOS S.A. (www.paralos-tech.gr) is an established group of companies since 2004, offering engineering and EPC contracting services and products, systems and solutions to all major heavy industries (oil & gas, metallurgical, mining, steel, aluminum, manufacturing, food & bev, processing, cement etc.) in Southeast Europe and the Middle East, in a wide range of industrial fields such as:

- Maritime & Shipping
- Energy, including renewables, MV and HV substations and transmission lines, wind and solar parks (erection, operations and maintenance)
- Oil & gas installations and services
- Bulk material handling, industrial automations etc.
- Safety, environmental and security processes
- Marine and port works installations
- Industrial liquid waste treatment systems (including marine slops, oil waste treatment & oil reclaiming services and industrial water treatment & filtering systems)

Additionally, PARALOS is a highly experienced supplier of products, systems and services, enjoying the respect and trust of its customers, providing engineering design, procurement, installation, commissioning and maintenance services. PARALOS helps industrial and marine customers create a safe work environment, by providing turnkey solutions, gas detection systems, personnel protective and other safety equipment, instrumentation, fire detection, protection and advanced training, from a comprehensive list of quality, certified products by well-reputed local and international manufacturers and providers, including MSA, as an authorised distributor and service centre.

Paralos' competitive advantage relies upon both its long-standing reputation among its customer base as a reliable deliverer of solutions and its multi-discipline expertise across many different industries. This latter attribute enables Paralos to design, adapt and prescribe effective solutions to a customer in a particular industrial sector, problems which have been addressed in a different industrial sector.

Paralos S.A. has successfully implemented challenging projects and offered turn-key solutions to well-established, national and international customers, occasionally cooperating with a significant number of international technology providers.

Our regular industrial customers include:

- Gamesa
- ENEL
- Lafarge/Holcim Cement group
- Titan Cement
- THYSSENKRUPP
- VIOHALCO Group
- RWE
- DEI (ΔΕΗ)
- DEDDIE (ΔΕΔΔΗΕ)
- ADMIE (ΑΔΜΗΕ)
- the Aegean Group (HEC / Hellenic Environmental Services & Oil One)
- Hellas Gold (Eldorado Gold)
- M.J. Maillis
- Nireus Group
- Motor Oil Hellas Group (Corinth Refineries, Coral, LPC)
- Imerys Industrial Minerals Greece
- Alumimium of Greece
- Skyras Vassas (Cyprus)
- Halyps Cement
- EKO (Hellenic Petroleum)
- Energean Oil & Gas
- Elpedison
- Viohalco Group
- Mytilinaios
- ELPEN
- Specifar
- TOSOH Hellas
- Fibran
- Alumil
- DESFA (ΔΕΣΦΑ)
- Vestas Hellas
- Sunlight
- Fraport
- LARCO
- EDA (ΕΔΑ)



PARALOS TECH
Akti Miaouli 53-55
18536 Piraeus
VAT ID No: 999309267
Phone: 210 4293796

27 September 2019

Reference No : **K-237**

Subject : IR – CONTROLLED WATER COOLING SYSTEM FOR ROTARY KILN SHELL

CERTIFICATE

TITAN Cement S.A. hereby certifies that PARALOS S.A has successfully completed the assigned supply, and supporting the successful operation of a IR-controlled water cooling system for the shell of kiln no. 1, at the Kamari Plant facility in Voiotia, Greece.

The project executed by PARALOS consisted of the complete system & operational design, specially configured, purpose-built system by KIMA (Germany).

The supplied system contributed in reducing the impact of hot spots on the rotary kiln, thus increasing overall productivity and reducing the energy consumption, operational costs and emissions of the kiln.

Best regards,

Titan Cement Co S.A



F. K. PROKOPIOS

Plant Manager



A. ATHANASIADIS

Maintenance Manager

**ΑΝΩΝΥΜΟΣ ΕΤΑΙΡΙΑ ΤΣΙΜΕΝΤΩΝ ΤΙΤΑΝ
ΕΡΓΟΣΤΑΣΙΟ ΚΑΜΑΡΙΟΥ**

Certificate

Date : 6/5/2022

HELLAS GOLD SA, hereby certifies that Paralos SA has successfully Designed, Manufactured, Installed and Commissioned the following projects in Olympias Facility:

- a. Modification of feeder FDR0024 and FDR0025. The two projects included redesign of existing hooper, modification works and the intervention of extracting conveyor system for discharging the material transported to bagging system. Initially the modification realized in FDR0024 (March 2020) and after a successful trial period, modification realized also in FDR0025 (September 2020)
- b. Full, integrated conversion and retrofitting of the existing installation of feeder FDR0025 and upgrade the configuration with appropriate new equipment and structures, for enable the loading of the pyrite material in bulk format directly onto suitably positioned trucks, while maintaining the option of the existing big-bag loading process.(November 2021)

The aforementioned systems are in successful and continuous operation since the delivery dates of their implementation.

On behalf of Hellas Gold S.A.

A handwritten signature in blue ink, appearing to read "Nikos Nikolaidis".

Nikos Nikolaidis

Plant Maintenance Manager

Hellas Gold Single Member S.A.

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Branch Office: Stratoni, 63074 Halkidiki, Greece | **T:** +30 23760 25000 | **F:** +30 23760 21081

E: GR-info@eldoradogold.com | **W:** hellas-gold.com



16/12/2020

Certificate

HELLAS GOLD SA, hereby certifies that Paralos SA has successfully designed and supplied two (2) specialized filtering units for cleaning mining process waters.

The project included sample analysis tests, design and system configuration and supply of the required equipment.

The filtering systems have been in continuous operation since 2019.

On behalf of Hellas Gold

Nikos Nikolaidis | Plant Maintenance Superintendent,
Olympias Mine. Hellas Gold SA, Eldorado Gold Group,
Olympiada Chalkidiki, GR 57014 , Mob: +30 6940 295472, Phone: +30 23760 25326, FAX: +30 23760 51032,

CERTIFICATE

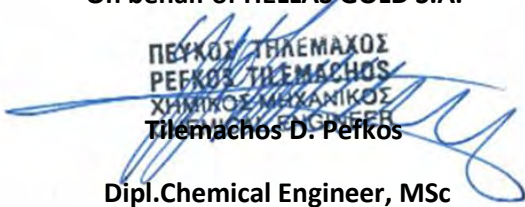
HELLAS GOLD S.A. hereby certifies that Paralos S.A. has successfully completed and according to the agreement requirements the project: "Solution Preparation Tanks - Gas Fumes Extraction System – Upgrade and Extended Ventilation System" for Stratoni production plant.

The EPC project was executed from April 2015 to June 2015 and mainly included:

- Complete Study, detailed design and engineering of mechanical, electrical and automation process
- Safety assessment plan
- Equipment procurement
- Equipment installation
- Steel works
- Commissioning works, performance tests
- Personnel training

On behalf of HELLAS GOLD S.A.

ΠΕΥΚΟΣ ΤΗΛΕΜΑΧΟΣ
ΠΕΥΚΟΣ ΤΗΛΕΜΑΧΟΣ
ΧΗΜΙΚΟΣ ΜΗΧΑΝΙΚΟΣ
CHEMICAL ENGINEER


Dipl.Chemical Engineer, MSc

Head Offices

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Tel: +30 2146870000 Fax: +30 2146870095

Branch Offices

Stratoni GR 63082 Halkidiki
Tel: +30 2376025000 Fax: +30 2376021081

CERTIFICATE

Hellenic Petroleum hereby certifies that PARALOS S.A, as MSA authorized distributor, has successfully and on time completed all assigned MSA safety projects and supplies of PPE equipment.

More specifically, our cooperation with PARALOS S.A within the MSA field, is extended to the following categories:

- Safety Industrial Helmets.

In all cases, all deliverables (equipment, delivery, support etc.) were according to our needs, our specifications and of excellent quality.

M Epitropou



Strategic Buyer
Procurement Division

CERTIFICATE

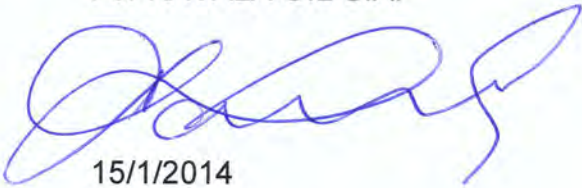
KAVALA OIL S.A. hereby certifies that PARALOS S.A, as MSA authorized distributor, has successfully and on time completed all assigned MSA safety projects and supplies of PPE equipment.

More specifically, our cooperation with PARALOS S.A within the MSA field is extended to the following categories:

- Safety Industrial Helmets
- Gas Detectors

In all cases, all deliverables (equipment, delivery, support etc.) were according to our needs, our specifications and of excellent quality.

For KAVALA OIL S.A.



15/1/2014
C. Ioannidis
Plant Manager



CORINTH REFINERIES S.A.

OUR REF:
YOUR REF:

DATE: 10/11/14

CERTIFICATE

MOTOR OIL (HELLAS) CORINTH REFINERIES S.A hereby certifies that PARALOS S.A, as MSA authorized distributor, has successfully and on time completed all assigned MSA safety projects and supplies of PPE equipment.

More specifically, our cooperation with PARALOS S.A within the MSA field, is extended to the following categories:

- Safety Industrial Helmets.
- Gas Detectors

In all cases, all deliverables (equipment, delivery, support etc) were according to our needs, our specifications and of excellent quality.

FOR MOTOR OIL (HELLAS)
CORINTH REFINERIES SA

P. DIMITRIADIS
PURCHASING MANAGER

P.O. BOX 23, GR - 201 00 CORINTH, GREECE
TEL: ++30 27410-48602, 48702
FAX: ++30 27410-48255, 49101, 49001
e-mail: motoroil.refinery@moh.gr



Elefsis Refinery: 23.06.2020

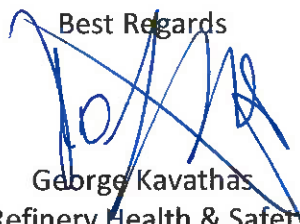
CERTIFICATE

Hellenic Petroleum S.A. (Elefsis Refinery) hereby certifies that Paralos S.A. continues successfully and according to the agreement requirements the project: "Technical Support of the Multigas Detectors "ALTAIR® 4X".

The project has started from 2016 and mainly includes:

- Equipment installation included also bump test devises.
- Personnel training.
- Immediate technical support on detectors malfunctions.
- Replacement of sensors and other components as part of the detectors warranty.

Best Regards



George Kavathas
Elefsis Refinery Health & Safety Head

HELLENIC PETROLEUM S.A.
Manufacturing and Trading of Oil Products,
Chemicals and Electric Power
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VAT No.: EL094049864



10, Akti Kondili | 185 45 Piraeus | Greece
Phone: +30 210 42 90 280 | Fax: +30 210 42 90 286 | E mail: info@hec.gr

Piraeus, 25/4/2017

CERTIFICATE

Hellenic Environmental Center (HEC) S.A. hereby certifies that PARALOS S.A has successfully completed the assigned off-shore oil-waste treatment project on board a sea-vessel, processing approximately 7,000 cubic meters of oil waste in 47 days and removing approximately 230 tons of solids, including waxes, asphaltenes and other solidified waste, from the liquid phase.

The project executed by PARALOS was delivered on a turn-key basis and consisted of the complete system & process design, installation and operation on a 24-hour basis, of a specially configured, purpose-built centrifugal separator, treatment, pumping and filtering system.

On behalf of

Hellenic Environmental Center S.A.

HEC
HELLENIC ENVIRONMENTAL CENTER
HANDLING AND PROCESSING OF OILY RESIDUES
10, AKTI KONDILI - 185 45 PIRAEUS
TEL: +30 210 - 4290280 FAX: +30 210 - 4290286

Stamatogiannis Panagiotis

President of B.o.D.

Piraeus, 23/05/2018

CERTIFICATE

Hellenic Environmental Center (HEC) S.A. hereby certifies that PARALOS S.A has successfully completed the assigned heavy oil waste (sludge) treatment project, processing approximately 4,000 tons of dry oil sludge (mud cake) extracted from the storage tanks of our floating separator vessel, in a period of 93 days, reducing the amount of waste by 70%. The process further resulted in reclaiming 1,000 cubic meters of oil and ultimately produced 1,300 tons of wasted sludge.

The project executed by PARALOS was delivered on a turn-key basis and consisted of the complete system & process design, installation and operation, of a specially configured, purpose-built mixer, agitation, centrifugal separator, treatment, pumping and screening and filtering systems.

On behalf of

Hellenic Environmental Center S.A.



HEC
HELLENIC ENVIRONMENTAL CENTER
ΑΝ. ΕΤΑΙΡΕΙΑ ΔΙΑΧΕΙΡΙΣΗΣ & ΕΠΕΞΕΡΓΙΑΣ ΠΕΤΡΕΛΑΙΟΕΙΔΩΝ ΚΑΤΑΛΟΓΙΩΝ
ΑΚΤΗ ΚΟΝΔΥΛΗ 10 - ΠΕΙΡΑΙΑΣ, Τ.Κ. 185 45
ΤΗΛ. 210 - 4290280 - FAX: 210 - 4290285
Α.Φ.Μ. 099786698 - Α.Ο.Υ. ΦΑΕ ΠΕΙΡΑΙΑ


Stamatogiannis Panagiotis

President of B.o.D.

Piraeus, 18 June 2021

CERTIFICATE

Hellenic Environmental Center (HEC) S.A. hereby certifies that PARALOS SYSTEMS S.A. has successfully installed a permanent, non-intrusive, external electromagnetic field generating system and cathodic protection via magnesium sacrificial anodes, for the cleaning of blockages and electromagnetic wear and tear protection of a 10", 350 meters long, metallic pipeline at our OIL ONE installations in Drapetsona, Greece.

Within the first 6 weeks of operation, the automatic system was found to operate satisfactorily, having increased pipeline throughput & flow rates and reducing pump pressures by 30%.

On Behalf of

Hellenic Environmental Center S.A.



Ioannis Agiostratidis

CEO



HEC
HELLENIC ENVIRONMENTAL CENTER
ΜΟΝ. ΑΝ. ΕΤΑΙΡΕΙΑ ΔΙΑΧΕΙΡΙΣΗΣ & ΕΠΕΞΕΥΞΗΣ ΠΕΤΡΕΛΑΙΟΕΙΔΩΝ ΚΑΤΑΛΗΨΗΝ
ΑΚΤΗ ΚΟΝΔΥΛΗ 10 - ΠΕΙΡΑΙΑΣ, Τ.Κ. 185 45
ΤΗΛ. 210 - 4290280 - FAX: 210 - 4290286
Α.Φ.Μ. 089788698 - Δ.Ο.Υ. ΦΑΕ ΠΕΙΡΑΙΑ
Γ.Ε.ΜΗ. 044634307000

Ag. Nikolaos Plant 31.08.2014

CERTIFICATE

ALUMINIUM OF GREECE hereby certifies that PARALOS Engineering S.A. has successfully completed and according to the contract requirements the Project of Idea development, Engineering, Study, Fabrication and Installation Works for the "HORIZONTAL WELDING MACHINE FOR ANODES" at Ag. Nikolaos Plant.

The Project was executed during July 2013 to July 2014 and mainly included:

- A. Complete Engineering, Mechanical, Electrical and Automation Design.
- B. Detailed Drawings and Analysis.
- C. Fabrication of machinery equipment, electrical switchboards, various safety features, etc
- D. Automation and HMI systems.
- E. Installation.
- F. Full integration with plant's existing automation system
- G. Commissioning works & personnel training

For Aluminium of Greece / Ag. Nikolaos Plant





CERTIFICATE

We hereby certify that PARALOS S.A., as authorised MSA distributor, has successfully and on-time completed the assigned safety projects for the supply, installation, calibration and maintenance of Gas Detection Systems, according to our needs and specifications.

Our cooperation with PARALOS S.A. is on-going.

ATLAS TAPES S.A.



Athens Office : 68, Varis ave., 16673 Voula – Athens - Greece
Tel : +30 210 89 95 388 Fax : +30 210 89 95 384
Factory (Atalanti) : 3rd km Prov. Road Skala Atalanti-352 00 Atalanti - Greece
Tel : +30 22330 23725, Fax : +30 22330 22 446, 22330 80983
Website: www.atlas-tapes.gr e-mail : info@atlas-tapes.gr





CERTIFICATE

Loulis Mills S.A hereby certifies that Paralos Engineering S.A has successfully and on time completed the electrical installations of the new Mill at Keratsini Plant.

The works were executed during 2012 and mainly included:

- Electrical design and installation of the new MV Substation
- Installation of new main LV panel and subpanels
- Supply & Installation of 5.200m of cable ladders
- Procurement, installation and connection of approx. 150.000m of power and control cables
- Connection of 620 electric motors
- New workshop electrical installation
- 2ary systems (Fire Fighting system, ventilation/ air conditioning of the new Substation)
- Supply & installation of new lightening protection system.

On behalf of Loulis Mills S.A

ΜΥΛΟΙ ΛΟΥΛΗ Α.Ε.
ΕΔΡΑ: ΔΗΜΟΣ ΣΟΥΡΠΗΣ
Ν. ΜΑΓΝΗΣΙΑΣ (ΛΙΜΕΝΑΣ ΛΟΥΛΗ) 37008
ΤΗΛ. ΚΕΝΤΡΟ: 24220 77200 / FAX: 24220 77300
ΥΠ/ΜΑ ΑΘΗΝΩΝ: ΣΙΡΕΤΣΩΝ / ΚΕΡΑΤΣΙΝΙ 187 55
ΤΗΛ: 210 4090100 / FAX: 210 4090185
ΑΦΜ: 094008810 - ΑΟΥ: Ν. ΠΑΥΛΟΣ ΒΕΛΟΥ (Ν. ΙΩΝΙΑΣ - ΑΛΜΥΡΟΥ)

Andreas Tselos
Plant Manager

LOULIS MILLS S.A

Volos Plant 31.08.2014

CERTIFICATE

HERACLES GENERAL CEMENT COMPANY – LAFARGE Group hereby certifies that PARALOS Engineering S.A. has successfully completed and according to the contract requirements the Project of Study, Fabrication, Civil and Erection Works for the “BIG-BAGS TRANSPORTATION SYSTEM” for Volos Plant.

The Project was executed during September 2014 to January 2014 and mainly included:

- A. Complete Civil, Electrical, Automation and Mechanical Studies
- B. Special Civil Studies for Concrete Bridge Reinforcement
- C. Fabrication of lifting equipment, transportation cart, steel constructions, rails, etc
- D. Infrastructure works (bridge reinforcement)
- E. Existing concrete bridge modification
- F. Installation of all above fabricated equipment
- G. Commissioning works & personnel training

For HERACLES G.C.C. / Volos Plant



Petousis George

New Projects Manager



Volos Plant 9.10.2012

CERTIFICATE

HERACLES GENERAL CEMENT COMPANY – LAFARGE Group hereby certifies that PARALOS Engineering S.A. has successfully completed and according to the contract requirements the EPC Project : “SLINGS TRANSPORTATION SYSTEM” for Volos Plant,

The Project was executed from July 2012 to September 2012 and mainly included:

- A. Complete Study, Detailed design, and Engineering of Mechanical, Electrical and Automation Processes.
- B. Fabrication of lifting equipment & hydraulics, rails, transportation cart, steel constructions, drive systems, etc.
- C. Development, Implementation and Installation of Automation Software
- D. Infrastructure Civil works (tunnel, access points, modifications and adaptation).
- E. Installation of all system components.
- F. Commissioning works, Performance tests & Personnel training.

For HERACLES G.C.C.


A. KOTZAKOLIOS

New Projects Manager

Lafarge, Volos Plant

Volos Plant 02.12.2010

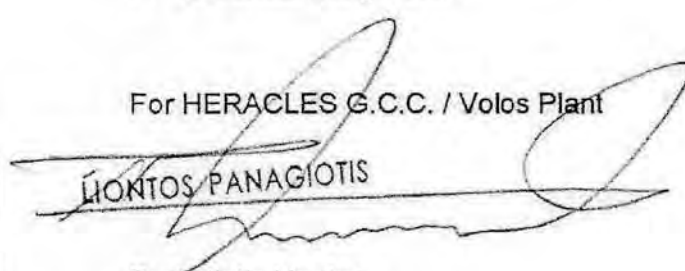
CERTIFICATE

HERACLES GENERAL CEMENT COMPANY – LAFARGE Group hereby certifies that PARALOS Engineering S.A. has successfully completed and according to the contract requirements the Project of: Engineering, Study, Prefabrication, Civil and Erection Works for the "New Masonry Cement Line Project No 9903" for Volos Plant.

The Project was executed during March 2010 to November 2010 and mainly included:

- A. Complete Civil and Mechanical Engineering and Studying works
- B. Safety procedures studies (Risk Assessments-Method Statements etc)
- C. Prefabrication of Airslides, bucket elevator casings, steel frames (towers, connecting bridge, packing building support frame, etc)
- D. Excavation and Civil works
- E. Installation and alignment all mechanical equipment , bucket elevator, casings, vibration screen, airslides, steel frames, dedusting filters, dedusting ductwork, lighting etc
- F. Commissioning works

For HERACLES G.C.C. / Volos Plant



LONTOS PANAGIOTIS

Panagiotis Lontos

New Projects Manager



HERACLES
GENERAL CEMENT CO.

49-51, SOPH. VENIZELOU STR. GR-141 23 LYONISSI
TEL +3010 289 8111, FAX +3010 281 9406, TELEX (221) 5168
www.aget.gr E-mail: info@wagel.gr

CEMENT PLANTS: OLYMPOS, AGRIA, VOLOS • HERACLES II, MILAKI, EVIA • HERACLES III, MIKRO VATHI, AVLIDA

Volos Plant 06.05.2009

CERTIFICATE

HERACLES GENERAL CEMENT COMPANY – LAFARGE Group hereby certifies that
PARALOS Engineering S.A. has successfully completed the Erection Works for Kiln 1 upgrade
(PH DEBOTTLENECKING – ID FANS) for VOLOS Plant

The Project was executed on "turn key basis" and mainly included:

ID fans :

- Prefabrication of Casing, Ducts, Bearing Pedestals, frames
- Dismantling of existing Casing, Impellers, Ducts and motor
- Civil works adaptation
- Installation of new Casing, Pedestals, Bearings, Impellers, Lubrication systems, Motors, etc
- Alignment works
- Installation of new Ducts and adaptation to existing ducting
- Pre-commissioning works

PH Debottlenecking :

Enlargement modification Works of Cyclones 2,3 and 4, including prefabrication, dismantling and erection of new parts

Dariusz Rejowski
Project Manager



HERACLES
GENERAL CEMENT CO.

A member of **LAFARGE**

Halkis Plant 08.10.2009

PROVISIONAL ACCEPTANCE CERTIFICATE

New Heavy Fuel Oil Installation – Kiln C

(CMS 6480 P.O.: 4500201541)

We hereby certify that PARALOS Engineering S.A. has been assigned as main contractor and has successfully completed and according to the contract requirements the project of "New Heavy Fuel Oil Installation at Kiln C" in Halkis plant.

The project was executed on "turn key basis" and mainly included:

I. WORKS

- A. Engineering of the new installation
- B. Storage Tank 150 m³
- C. Double pump station
- D. HFO electrical preheater for outlet temperature of HFO 140 °C
- E. Burner set
- F. All necessary sensors for a safe and fully automated operation
- G. Civil works
- H. Electrical erection
- I. Mechanical erection

II. COMMISSIONING

During the Commissioning the following were performed successfully:

- ✓ Proper function of each individual equipment
- ✓ Adjustments of all the interfaces between the equipment / systems
- ✓ All deficiencies are corrected
- ✓ Final proper function of the package
- X Real test of the package at kiln start up and at full capacity: pending (due to kiln stoppage)

For HERACLES G.C.C. / Halkis plant


Th. Papaefthymiou
Technical Manager


G. Petousis
New Works Supervisor



Διεύθυνση Εκμετάλλευσης Θερμοηλεκτρικών Σταθμών

29 NOV 2012
ΑΡ./ΗΜ.: ΔΕΘ/

ΜΗΝΥΜΑ ΤΗΛΕΟΜΟΙΟΤΥΠΙΑΣ

2938

Πληροφορίες : Μ. Κακάμπουρας
Τηλέφωνο : 210 3324638
e-mail : m.kakampouras@dei.com.gr

Προς: ΠΑΡΑΛΟΣ ΤΕΧΝΙΚΗ Α.Ε.
Ακτή Μιαούλη 53-55
185 35 Πειραιάς
Fax: 210 4293796

Περίληψη : Σύμβαση ΔΕΘ - 952 - 0305, «Εγκατάσταση και Λειτουργία Πιλοτικής Μονάδας Επεξεργασίας Πετρελαιοειδών Καταλοίπων με Σκοπό την Ανάκτηση Καυσίμου στον Κλ. ΑΗΣ Ρόδου»

Σχετικά : α. Σύμβαση ΔΕΘ - 952 - 0305
β. ΑΗΣ Ρόδου/Φ.755/1994/20.11.2012

Κύριοι,
Σε συνέχεια της διενέργειας της εγκατάστασης και δοκιμαστικής λειτουργίας Πιλοτικής Μονάδας Επεξεργασίας Πετρελαιοειδών Καταλοίπων το χρονικό διάστημα 17.09.2012 - 20.09.2012 στον ΑΗΣ Ρόδου, βεβαιώνουμε την επιτυχή έκβαση της δοκιμής, με βάση τα κριτήρια που τέθηκαν στην ως άνω σχετική μεταξύ μας σύμβαση και τα αποτελέσματα που μας εστάλησαν με το β. σχετικό από τον ΑΗΣ Ρόδου. Κατόπιν τούτου παρακαλούμε όπως προχωρήσετε στην τιμολόγηση του προβλεπόμενου συμβατικού ποσού. Παραμένουμε στη διάθεσή σας για κάθε περαιτέρω συνεργασία.

Ε. Παπαγιάννης
Διευθυντής

3/16/2015

Βεβαίωση

Βεβαιώνεται ότι η Εταιρία ΠΑΡΑΛΟΣ ΑΕ, ολοκλήρωσε επιτυχώς το έργο «ΚΑΤΑΣΚΕΥΗ – ΕΓΚΑΤΑΣΤΑΣΗ ΓΡΑΜΜΗΣ PATENTING» στις εγκαταστάσεις μας στα Οινόφυτα κατά την περίοδο 2007-2008 συνολικής συμβατικής αξίας 1.381.965,00 € πλέον ΦΠΑ το οποίο περιλάμβανε μελέτη, αδειοδότηση και κατασκευή πλήρους μεταλλικού κτηρίου, ανέγερση αυτού και θέση σε λειτουργία. Ειδικότερα η συνολική επιμέρους συμβατική αξία του μεταλλικού κτηρίου ανήλθε σε 800.015,00 € πλέον ΦΠΑ.



Κακαβούλας Θεόδωρος
Τεχνικός Διευθυντής

Subject: Certificate of Excavator System Upgrade Works

TITAN CEMENT Company S.A. hereby certifies that Paralos Engineering S.A. has successfully completed the Electrical and Automation upgrade works of Excavator System in Kamari Plant.

The works were executed during September to November 2011 mainly including:

- Automation System Design
- Electrical System Design
- Power and Automation Systems Construction and Supply
- HMI Systems Design, Construction and Supply
- Installation
- Commissioning Works
- Performance Tests
- Training of Personnel



K. KOTSIAS
Plant Manager



A. ATHANASIADIS
Electrical Dept. Manager

Transmission & Distribution

To whom it may concern

Your Ref. Your Letter

In Charge / Ext.

Leonardo Zauli/25947

Fax

+43 (0)5 1707-55939

Our Ref.

Certificate_Erection_Works

E-Mail

leonardo.zauli@siemens.com

Date

16.11.2006

Subject

PPC S.A. DYPM 99 204 / VA TECH C243 35 025

**PROJECT: Engineering, Equipment's Procurement, Installation of 150 KV/20 kV
Transmission S/Ss at Larissa's Agia and Makrichori**

Certificate – Erection Works

CERTIFICATE

VA TECH T&D GmbH & Co hereby certifies that Paralos Engineering S.A. has successfully performed erection and installation works on "turn key basis" for the 150kV/20kV Makrichori and Agia Substations, part of the Larissa Project for the end customer PPC S.A.

The works were performed from May 2006 to July 2006 including the following activities:

- Erection of 2 (two) 150 kV Switchyards (Stringing works, HV equipment installation, HV conductors termination, etc);
- Assembling and installation of 2 outdoors 150/20 KV 50 MVA Power Transformers;
- Installation of 20 kV and 0.4 kV Switchgear;
- Trays and Cables installation (MV, LV and control);
- Assembly and Installation of 20 kV Outdoors Capacitor banks;
- Installation and Connection of Control Systems;
- Pre-commissioning;



On behalf of VA Tech T&D GmbH & Co

Leonardo Zauli

Senior Project Manager



To whom it may concern

Your Ref. Your Letter

In Charge / Ext.

Leonardo Zauli/25947

Fax

+43 (0)5 1707-55939

Our Ref.

Certificate_Erection_Works

E-Mail

leonardo.zauli@siemens.com

Date

14.08.2007

Subject

CONTRACT DNEM - 13 23 106

Design, supply and installation of Transmission Substation 150kV GIS type at the area of ATHERINOLAKKOS

Certificate – Erection Works

CERTIFICATE

Siemens AG Österreich hereby certifies that Paralos Engineering S.A. has successfully performed erection and installation works for the 150kV GIS Atherinolakkos Substation, extension of feeders AEA07 and AEA09, including HV 150 kV Cable Systems, for the end customer PPC S.A.

The works were performed from February 2007 to April 2007 including the following activities:

- Erection of 1 (one) 150 kV GIS Feeder (HB7 type);
- Assembling and installation of 2 HV Cable Systems (150 kV) including HV sealing-end and terminations;
- Trays and Cables installation (HV, MV, LV and control);
- Installation and Connection of Protection and Control Systems;
- Pre-commissioning;


On behalf of Siemens AG Österreich
Leonardo Zauli
Senior Project Manager

CERTIFICATE

V.A.TECH T&D GmbH & Co hereby certifies that George Christopoulos and his team has successfully completed erection and installation work as "turn key basis" for the electrical part in 150 KV, 100 MVA Substation for PPC at Olympic Village Athens Greece

The work was performed from Sept.2003 to April 2004.

The work executed by George Christopoulos and his team:

- Erection of 150 KV GIS (two incomers and two Transformer feeders)
- Assembling and installation of two indoors 150/20 KV 50MVA Power Transformers
- Installation of 20 and 0.4 KV Switchgear
- Assembly & Installation of 20 KV capacitor banks
- Installation and connection of all corresponding control panels
- Cable pulling & termination 150, 20, 0.4 KV and control cables
- Building facilities : Fire fighting, Transformer ventilation,
- Earthing measurements, cable testing
- Precommision



Hans Welz
Vice President



sustainable solutions. for a better life.

VA TECH T&D GmbH & Co
Penzinger Strasse 76
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A-1141 Vienna

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Internet: <http://www.vatech-td.com>
OLV_Arklos_erection certificate.doc

Bank account:
Bank Austria Creditanstalt AG
Nb 0227-15460/00, Code 12000

Head office: Vienna
FN 227088 d, Commercial Court of Vienna
VAT-No. ATU 54963507

Doc id: XX
Date: 19-Mar-2001
Page: 1 (1)
Status: WORK
Made/Approved: Power Plants / LSs

Project: 10 MW Power plant electrification
Name: PPC Lesvos
Subject: Certification

Wärtsilä hereby certifies that George Christopoulos and his team has successfully completed the erection and installation work for the electrical part in a 10 MW power plant project for PPC at Lesvos island, Greece. The work was performed from April 2000-October 2000. The prime mover was a 10 MW Diesel Generator Set.

The work done by George Christopoulos and his team:

- Modification of 20kV switchgear
- Installation of 20 and 6,3 and 0,4 kV switchgear
- Installation of control panels
- Cable pulling & termination, 20, 6,3 and 0,4 kV as well as control and instrumentation cables.
- Building electrification: lighting, fire detection and video monitoring.

Wärtsilä Finland, Date 02.03.2001



Leif Smeds, Chief Design Engineer Electrical and Automation systems

Postal Address

Wärtsilä NSD Finland Oy
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FIN-65101 VAASA
Finland

Office Address

Tarhaajantie 2
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Finland

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+358-6-356 9144 Projects
+358-6-356 9065 Quality Management
+358-6-356 9130 CSO
+358-6-327 1440 M&O Manuals & IT

Registered in Finland No. 465.942
Registered Office: Vaasa

CERTIFICATE

SYMETAL S.A. hereby certifies that PARALOS ENGINEERING S.A. has successfully and in time completed the design, construction and installation of the ductwork and electrical works for the Regenerative Thermal Oxidizer of our plant.

The works were executed as turn-key basis, performed from February 2010 ~ June 2010, including:

- Installation of Regenerative Thermal Oxidizer main unit
- Procurement of equipment
- Design, construction and installation of ductwork, frames, supports and insulation
- Design, construction and installation of bypass dampers
- Electrical works, including all wiring and connections
- Earthing system

The Plant Manager



Evangelos Vergotis

SYMETAL
ALUMINIUM FOIL INDUSTRY S.A.
HEAD OFFICE/MANDRA PLANT:
25 KM. ATHENS - KORINTHOS NAT. ROAD - GR 196 00
MANDRA ATTICA, GREECE
TEL.: +30 210 5556833-4 - FAX: +30 210 5551077
DIOFITYA PLANT:
AGIOS THOMAS, DIOFITYA VIOTIA - GR 320 11
GREECE
TEL.: +30 2262053111 - FAX: +30 2262053077
VAT: EL 094277688, INDUSTRIAL COMPANIES
ATHENS TAX OFFICE
S.A.Reg.No.:20903/03/B/00403 (38) WESTERN ATTICA
PREFECTURE



M.J. MAILLIS S.A.

ΠΙΣΤΟΠΟΙΗΤΙΚΟ ΤΕΛΙΚΗΣ ΑΠΟΔΟΧΗΣ ΛΕΙΤΟΥΡΓΙΑΣ ΣΥΣΤΗΜΑΤΟΣ ΑΝΑΚΥΚΛΩΣΗΣ ΝΕΡΩΝ

ΠΡΟΜΗΘΕΥΤΗΣ:	ΠΑΡΑΛΟΣ ΤΕΧΝΙΚΗ Α.Ε.		
ΚΥΡΙΟΣ ΕΡΓΟΥ:	Μ.Ι.ΜΑΙΛΛΗΣ Α.Ε.Β.Ε		
ΠΡΟΣΦΟΡΑ ΠΡΟΜΗΘΕΥΤΗ: 31.01.08	ΗΜΕΡΟΜΗΝΙΑ ΣΥΜΒΑΣΗΣ: 22/04/2008		
ΗΜΕΡΟΜΗΝΙΑ : 29.04.2010			
<u>Περιγραφή Εξοπλισμού</u> Το Σύστημα Ανακύκλωσης Νερών αποτελείται από τα κάτωθι επιμέρους συστήματα. • Σύστημα Φυσικοχημικής Επεξεργασίας • Σύστημα Μικροφίλτρανσης • Σύστημα Αντίστροφης Όσμωσης			
Με το παρόν πιστοποιείται ότι έλαβαν χώρα και έχουν ολοκληρωθεί επιτυχώς όλες οι δοκιμές αποδοχής της λειτουργίας του Συστήματος Ανακύκλωσης Νερών, το οποίο παραλαμβάνεται επιτυχώς και σύμφωνα με την από 22/04/2008 σύμβαση : • Όλα τα τεχνικά θέματα της λίστας εκκρεμοτήτων "Water Treatment Plant.installation Pending Items Rev. 8" έχουν επιλυθεί. • Το σύστημα Ανακύκλωσης Νερών έχει τεθεί επιτυχώς σε λειτουργία (Commissioning) σύμφωνα με το άρθρο 4.4 της σύμβασης. • Έχει ολοκληρωθεί επιτυχώς η εκπαίδευση του προσωπικού σύμφωνα με τις απαιτήσεις του άρθρου 4.6 της σύμβασης.			
Μ.Ι.ΜΑΙΛΛΗΣ Α.Ε.Β.Ε. : Μ.Ι. ΜΑΙΛΛΗΣ Α.Ε.Β.Ε. ΣΥΣΤΗΜΑΤΑ-ΣΥΣΚΕΥΑΣΙΑΣ ΕΔΡΑ: ΞΕΝΙΑΣ 5 - 145 62 ΚΗΦΙΣΙΑ ΑΦΜ: 094051915 - ΔΟΥ: ΦΑΕ ΑΘΗΝΩΝ ΤΗΛ: 2106285000 - FAX: 2106080301 ΠΑΡΑΛΟΣ ΤΕΧΝΙΚΗ Α.Ε. :			
		ΠΑΡΑΛΟΣ ΤΕΧΝΙΚΗ Α.Ε. : ΠΑΡΑΛΟΣ ΑΝΩΝΥΜΗ ΤΕΧΝΙΚΗ ΕΤΑΙΡΕΙΑ ΚΑΤΑΣΚΕΥΕΣ & ΜΕΛΕΤΕΣ ΗΛΕΚΤΡΟΜΗΧΑΝΟΛΟΓΙΚΩΝ ΕΓΚΑΤΑΣΤΑΣΕΩΝ ΚΤΙΡΙΩΝ & ΤΕΧΝΙΚΩΝ ΕΡΓΩΝ ΑΚΤΗ ΜΙΑΟΥΛΗ 53 - 65 ΠΕΙΡΑΙΑΣ 185 35 Α.Φ.Μ. 1999309297 - Δ.Ο.Υ. ΦΑΕ ΠΕΙΡΑΙΑ ΤΗΛ. 210 4294746 - FAX: 210 4293376 www.paralos-tech.gr	

17/06/2008

CERTIFICATE

SUBJECT:

**CERTIFICATE OF DESIGN, PROCUREMENT, BUILDING CONSTRUCTION,
ERECTION AND INSTALLATION OF NEW PATENTING PLANT**

MJ MAILLIS S.A. Hereby certifies that PARALOS Engineering S.A. has successfully and on time completed the Design, Procurement, Erection and Building Construction of The New Patenting Plant in Oinofoita.

The works were executed on EPC basis, performed from February 2007 to November 2007 including:

- Design of Building (Foundation, Architectural, Civil and Steel studies)
- Design of Infrastructure Facilities
- Design of Machinery Equipment
- Permits Documentation
- Equipment Manufacturing/Procurement
- Building Construction (Excavation, Concrete, and Steel building)
- Erection of Production Equipment, Machinery assembling and Alignment
- Commissioning works



J. Kourouglos
Chief Executive Officer

John Kourouglos
Chief Executive Officer



P. Stavropoulos
M. J. Maillis Group Director
Procurement & Major Projects



S. Valsamakis
Plant Manager



Memo - Σημείωμα

TO: Mr. G.Christopoulos
ΠΡΟΣ: PARALOS SA

FROM: Mr.J. Vogel
ΑΠΟ: Mr.A.Pappas

C.C.: Mr. L. Winter
ΚΟΙΝΟΠΟΙΗΣΗ:

DIVISION-DEPARTMENT: Yard Operations
ΔΙΕΥΘΥΝΣΗ – ΤΜΗΜΑ:

YOUR REFERENCE:
ΕΝΔΕΙΞΕΙΣ ΣΑΣ:
NUMBER OF PAGES: - 1 -
ΑΡΙΘΜΟΣ ΣΕΛΙΔΩΝ:

OUR REFERENCE: **No. HSY 015/07**
ΕΝΔΕΙΞΕΙΣ ΜΑΣ:

DATE: 23/01/2007
ΗΜΕΡΟΜΗΝΙΑ:

SUBJECT: **Medium Voltage Cable-Pulling Reference Letter**
ΘΕΜΑ:

Dear Mr. Christopoulos,

Answering to your request as per your fax no. 0426, dated 27-12-06 we would like to certify that Paralos Engineering S.A. has completed successfully and on time the medium voltage cable pulling works according to our specifications.

The works included:

- Facilitation of pulling machinery, related equipment and personnel
- New MV cable 1x120 mm² pulled, 15.000 m
- Old MV cables dismantling and reinstallation, 4.500 m
- Insulation and continuity measurements according to VDE 0276-HD620



J. Vogel
Director Yard Operations



A. Pappas
PM Infrastructure Projects



CERTIFICATE

We hereby certify that PARALOS ENGINEERING S.A. has been assigned as Subcontractor under the Main Contractor "Siemens S.A." and has successfully and on time completed the erection works for the upgrade of the electrical distribution system of the Shipyards.

The works mainly included:

- Erection of 17 Medium Voltage Substations
- Upgrade of High Voltage (150kV) Substation
 - Replacement of MV switchgear
 - Installation of LV and control circuits
 - Reinforcement of the grounding system
 - Installation of MV cables
 - Replacement and adjustments of two HV tap changers' controllers
- Implementation of Protection Selectivity Study
- Settings and adjustments of MV protection equipment
- Testing, commissioning and start-up of all MV installations
- Training of the Shipyards personnel

For Hellenic Shipyards S.A.

Lars Winter
Infrastructure Projects

George Ventouris
Head of Electrical Department



Memo - Σημείωμα

Skaramangas 20-11-08

Reference letter

We certify that PARALOS ENGINEERING S.A. has successfully and in time completed all project works for the Supply and Installation of Heating and Ventilation System of the Heavy Machine Shop.

The project was executed on "turn key" basis (design, procurement, installation) and mainly included:

- Study & Design of Heavy Machine Shop's Heating and Ventilation System
- Design & Construction of civil works for boiler and fuel tank facilities
- Installation & Commissioning of piping system
- Procurement, Installation & Commissioning of related equipment
- Procurement, Installation & Commissioning of related electrical and automation system

L. Winter

Head of Infrastructure Projects

A. Pappas

PM Infrastructure Projects



19 - 11 - 2007

CERTIFICATE

We certify that PARALOS ENGINEERING S.A. has successfully and on time completed the erection works for the Heavy Machine Shop new Electrical Installation.

The project was executed on "turn key" basis (design, procurement, installation) and mainly included:

- Study & design of Heavy Machine Shop's new electrical installation.
- Design, construction & installation of LV Switchgears.
- Provision, installation, ~~termination~~ & commissioning of:
 - Main power supply cables from MV Substation.
 - Machinery power cables.
 - Indoor, outdoor & emergency lighting systems.
 - Lightning protection & grounding system.
 - LV & Data systems in HMS's offices.

L. WINTER
Infrastructure
Projects

G. VENTOURIS
Head
of Electrical



25 - 10 - 2006

CERTIFICATE

We certify that PARALOS ENGINEERING S.A. has completed successfully and on time maintenance works of two (2) On Load Tap Changers of Shipyard's Voltage Transformers and repair works on 150 KV disconnecter switches.

The works included:

- Fully maintenance procedures and related works according manufacturer's directions (Machinenfabric Reinhausen).
- Supply and Installation of necessary spare parts.
- Inspection and Regulation of control parts.
- Inspection and Repair of 150 KV drive unit of the disconnecter switches.



G. PYRPYLIS
Manager
Maintenance



G. VENTOURIS
Responsible for
Electrical Installations



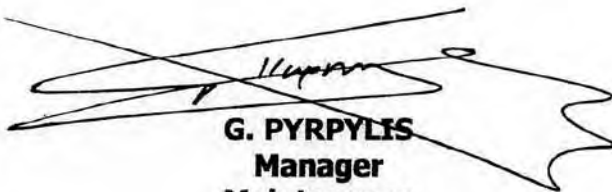
10 - 10 - 2006

CERTIFICATE

We certify that PARALOS ENGINEERING S.A. has completed successfully and on time repair works on No.1 Floating Dock Electrical Installation.

The works included:

- Replacement of Medium Voltage Circuit Breaker.
- Repair of Medium Voltage Cubicle.
- Supply and Installation of Low Voltage Switchgear.
- Power and Signal cables installation.
- Electrical Measurements of Power Transformer.



G. PYRPYLIS
Manager
Maintenance



G. VENTOURIS
Responsible for
Electrical Installations



20 - 01 - 2006

CERTIFICATE

We certify that PARALOS ENGINEERING S.A. has completed successfully and on time maintenance works in High and Medium Voltage Electrical Substations for Hellenic Shipyards S.A., according to our specification.

The works included:

- Supply and replacement of transformers insulating oil.
(Shell Diala D, quantity $\approx 14\text{tn}$).
- Treatment (filtering/dehydration) of insulating oil with special purifying device.
(1 unit Transformer 150/20KV, 23 units Transformers 22/0,4 KV and 2 units Transformers 0,4/0,4KV).
- Disposal according to legal rules for the used insulating oil.
- Maintenance of Shipyard's High and Medium Voltage transformers.
(Transformer cleaning by using special liquids, replacement of the silica gel, sealing of oil leakages, vaporization from all possible points, general inspection of all electrical connections etc).



J. VOGEL
Director
Yard Operations



G. PYRPYLIS
Manager
Maintenance



G. VENTOURIS
Responsible for
Electrical Installations



Subject : Certificate of electrical installation erection works

TITAN CEMENT Company S.A. Hereby certifies that Paralos Engineering S.A. has successfully and on time completed the electrical works for the new hybrid filter of Kiln No2 in KAMARI PLANT

the work was performed from Sep 2006 to Jan 2007 including :

- Facilitation of equipment and personnel
- Electrical panel installation and connection
- Installation of cable trays
- Power and Control cable installation & termination
- Installation and Connection of Control Systems
- Dismantling of old transformers and related equipment
- Precommission



D.KEMOS
Plant Manager



CH. AMAXOPOULOS
Electrical Dept. Manager

TITAN CEMENT COMPANY S. A.
KAMARI PLANT VIOTIAS

P.O. BOX 18 - 192 00 Elefsina, Reg. No 601306, B 8690, Tel.: (+3210) 5537 600, Fax: (+3210) 5537 610, e-mail: main@titan.gr, www.titan-cement.com



SUBJECT : Certificate of Raw Mill & Kiln No1 Electrical Works

TITAN CEMENT Company S.A. Hereby certifies that Paralos Enginnering S.A. has succesfully and on time completed the electrical works for the new LV Motor Control Centers (MCC) of thr complete Kiln No1 production department.

The work was performed from May 2007 as preparation and completed during the scheduled Kiln Shutdown during June 2008 , including :

- **Installation of MCC**
- **Installation of Control Panels**
- **Installation of Cable trays**
- **Power and Control Cable Installation & Termination (60 motors and related controls)**
- **Installation and Connection of local Control Panels**
- **Installation of Lighting fixtures**
- **Precommission**
- **Dismalting of old installation.**

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

D.KEMOS
Plant Manager

A handwritten signature in black ink, featuring a stylized 'A' and a long horizontal stroke.

CH.AMAXOPOULOS
Electrical Dept. Manager

TITAN CEMENT COMPANY S. A.
KAMARI PLANT VIOTIAS

P.O. BOX 18 - 192 00 Elefsina, Reg. No 601306, B 8690, Tel.: (+3210) 5537 600, Fax: (+3210) 5537 610, e-mail: main@titan.gr, www.titan-cement.com



Pr. Nr. 132

Thessaloniki 22.8.2007

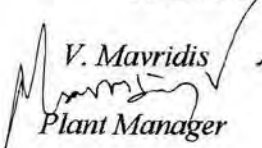
**SUBJECT : CERTIFICATE OF DESIGN, PROCUREMENT AND
INSTALLATION OF SUBSTATION AIR CONDITIONING SYSTEM.-**

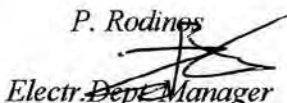
TITAN CEMENT Company S.A. Hereby certifies that Paralos Engineering S.A. has successfully and on time completed the design, procurement and installation of specialized air conditioning system for Electrical Substation "H" in THESSALONIKI PLANT

The works were executed as "turn key basis", performed from April 2007 to July 2007 including:

- Design of heat absorption and relative air channels
- Procurement of equipment (total 900.000 btu)
- Installation
- Automation control
- Commission

TITAN CEMENT Co.
THESSALONIKI PLANT


V. Mavridis
Plant Manager


P. Rodinos
Electr. Dept. Manager

Athens, 22.09.04

To Whom it may Concern

Friesland Hellas SA hereby certifies that George Christopoulos and his team have successfully completed the engineering, delivery, installation and start up of new equipment, utility supply networks and the overhauling of the existing systems on a "turn key basis project" at the new Friesland Hellas - "NOYNOY" Yogurt Plant Patras, Greece.

The works executed by George Christopoulos and his team included:

- Process Water Systems
- Steam Production and Distribution Systems
- Compressed air Systems
- Automation Control
- Electrical Installation

On behalf of Friesland Hellas SA



Nicholas Sarsentis
Project Manager



SYMETAL

ALUMINIUM FOIL CONVERTING COMPANY S.A.

SYKMA NATIONAL ROAD ATHENS - KORYNTHOS
198 00 MANDRA ATTICA, GREECE
PHONE: +30 2766066633-4 FAX: +30 2766066633
WWW.SYMETAL.GR

MANDRA 29.11.2007

CERTIFICATE OF DESIGN, PROCUREMENT AND INSTALLATION OF SUBSTATION AIR CONDITIONING SYSTEM

SYMETAL S.A. hereby certifies that PARALOS ENGINEERING S.A. has successfully and on time completed the design, procurement and installation of specialized air conditioning system for our main production area.

The works were executed as turn key basis, performed from September 2006 - October 2006 including:

- Design of heat adsorption and relative air channels
- Procurement of equipment
- Installation
- Automation control
- Commission

SYMETAL S.A.

K. Korovesis
Quality Control Manager

V. Vergotis
Production Manager

SYMETAL S.A. hereby certifies that PARALOS ENGINEERING S.A. has successfully and on time completed the erection works for the new Medium Voltage Substation and the plant's internal low voltage distribution network.

- Detailed Engineering
- PPC Licensing
- Protection Study
- Erection of Medium Voltage Substation
 - MV Switchgear
 - MV/LV Power Transformer
 - LV Switchgear
 - Automation and Protection System
 - Earthing System
- Installation of internal Low Voltage distribution network
- Commissioning & Start-up

B. Bep
Plant Manager

Gamesa



Protocol No.: EPL-CONT-PSUM-004

Athens, 24th of May 2011

PROVISIONAL ACCEPTANCE CERTIFICATE

EPC CONSTRUCTION OF HIGH VOLTAGE SUBSTATION "POLIMILOS"

We hereby certify that PARALOS Engineering S.A. has been assigned as EPC (Engineering, Procurement & Construction) Contractor and has successfully completed according to the contract requirements, the project "New 20/150kV Substation in Polymylos Kozani, for the interconnection of WFs Panagia Soumela & Zoodohos Pigi to the national 150kV grid"

The project was executed on EPC basis and mainly included:

I. ENGINEERING

- Civil Study & Building Permits
- Substation's Basic & Detailed Engineering
- Secondary Systems Study
- Protection Study
- PPC Submissions & Approvals

II. PROCUREMENT

- HV, MV & LV Outdoor Equipment and Materials
- 20kV Panels
- AC/DC & Protection Panels
- 20/150kV 40/50MVA Power Transformer
- Digital Protection System
- HMI System
- Equipment and Materials for the secondary systems

III. WORKS

- Excavation and Foundation works
- Construction of Substation's Yard
- Construction of Control Building & Building's Services
- Erection of HV, MV & LV Equipment
- Erection of 20/150kV 40/50MVA Power Transformer
- Set-up of Protection System
- Testing / Commissioning
- Substation's Energization

For ENERGIAKI POLYMYLOU S.A. / GAMESA GROUP

Vasilis Spiliotopoulos
General Director

Ενέργειακή Πολυμύλος Α.Ε.
Αδριανείου 9
115 25 Αθήνα, Ελλάδα
Τ: +30 210 67 53 300
Φ: +30 210 67 53 305

ΕΝΕΡΓΕΙΑΚΗ ΠΟΛΥΜΥΛΟΥ Α.Ε.
ΠΑΡΑΓΩΓΗ & ΕΜΠΟΡΙΑ ΗΛΕΚΤΡΙΚΗΣ ΕΝΕΡΓΕΙΑΣ
ΑΔΡΙΑΝΕΙΟΥ 9 - 115 25 ΑΘΗΝΑ
ΑΦΜ: 998380572 - ΔΟΥ: ΦΑΒΕ ΑΘΗΝΩΝ
ΑΡ.Μ.Α.Ε. 63770/01/Β/07/469(09)

CONTRACT TITLE:
**TURNKEY CONSTRUCTION CONTRACT FOR THE INSTALLATIONS OF AGIOS ATHANASIOS
WIND FARM (6,8MW) (EXCEPT WIND TURBINES, SUBSTATION AND HIGH VOLTAGE LINE)**

PROVISIONAL ACCEPTANCE CERTIFICATE FOR INSTALLATIONS

On 22nd of September of 2013, PARALOS ENGINEERING S.A. delivers and GAMESA EOLICA GREECE M.E.P.E., provisionally accepts all the Installations of Agios Athanasios Wind Farm, as established in Article 9.4. of the "**TURNKEY CONSTRUCTION CONTRACT FOR THE INSTALLATIONS OF AGIOS ATHANASIOS WIND FARM (6,8) (EXCEPT WIND TURBINES)**" between GAMESA EOLICA GREECE M.E.P.E and PARALOS ENGINEERING S.A., dated 27th of December of 2012.

PARALOS ENGINEERING S.A.



GAMESA EOLICA GREECE M.E.P.E.



ANNEX : List of Pending Activities

ΒΕΒΑΙΩΣΗ

Με την παρούσα βεβαιώνεται ότι η εταιρία ΠΑΡΑΛΟΣ εκτέλεσε επιτυχώς και με το κλειδί στο χέρι το έργο "ΕΠΕΚΤΑΣΗ ΥΠΟΣΤΑΘΜΟΥ 150/20kV ΚΙΘΑΙΡΩΝΑ". Ως μέρος του συνολικού έργου περιλαμβάνονταν και η μελέτη και κατασκευή οικοδομικών έργων επέκτασης υφιστάμενου υποσταθμού Κιθαιρώνα 20/150kV.

Οι εργασίες αυτές στο κτήριο του υποσταθμού εκτελέσθηκαν υπό τάση 20 kV ενώ στον εξωτερικό υπαίθριο υποσταθμό υπό τάση 150 kV.

Παιανία, 24/02/2015

Με εκτίμηση
Για την INTRAKAT


INTRAKOM ΚΑΤΑΣΚΕΥΕΣ ΑΝΩΝΥΜΗ ΕΤΑΙΡΕΙΑ
ΤΕΧΝΙΚΩΝ ΕΡΓΩΝ ΚΑΙ ΜΕΤΑΛΛΙΚΩΝ ΚΑΤΑΣΚΕΥΩΝ
19ο χλμ ΠΑΙΑΝΙΑΣ-ΜΑΡΚΟΠΟΥΛΟΥ, 190 02 ΠΑΙΑΝΙΑ ΑΤΤΙΚΗΣ
ΤΗΛ.: 210 6674 700 - FAX: 210 6646 353-4
Α.Φ.Μ.: 095202700 - ΑΡΧ.Γ.Ε.ΜΗ. 408501000

Λεωνίδας Νικολοπούλος
Τεχνικός Δ/ντής

**CERTIFICATE OF TAKE OVER OF THE OF HIGH VOLTAGE SUBSTATION and 150kV LINE
"KITHAIRONAS" FOR VIOTIA WIND FARM**

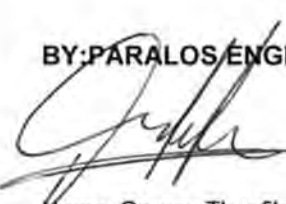
Viotia Wind Farm, 23rd May 2012

This certificate is delivered to you in connection with the Take Over of the Equipment under the Services Agreement dated as of 16th July 2010 between **GAMESA EOLICA GREECE M.E.P.E** a Greek corporation ("EMPLOYER") and **PARALOS ENGINEERING SA.**, a Greek corporation, having its Registered Office at 53-55 Akti Miaouli Str, Piraeus, Greece ("PARALOS").

I, George Theofilopoulos, the undersigned, acting for and on behalf of PARALOS DO HEREBY CERTIFY the following, as of the date hereof:

1. I am authorized to execute this certificate on behalf of PARALOS.
2. All Services have been completed in accordance with the Services Agreement and the conditions associated with Take Over of the Substation and 150kV Overhead Transmission Line and Connection works for Wind farm VIOTIA were satisfied as for 23rd May 2012 except the 44 tower of HVL for 8th of February of 2013.
3. The punch list attached hereto has been agreed upon with Buyer. The items in such punch list will be corrected, completed or resolved by PARALOS within the time period established in such punch list.

BY: PARALOS ENGINEERING



Name: George Theofilopoulos
Title: General Manager / ENERGY SECTOR

**ACKNOWLEDGED AND AGREED
BY: GAMESA EOLICA GREECE, M.E.PE.**



Name: Zulema Alonso Carrero
Title: Project Manager

as duly authorized representative of Subcontractor acting for and on its behalf.



Green Power

ENERGIAKI POLYMYLOU S.A.

4, Grivas str., Maroussi, 15125, Athens
GREECE

T + 302111808 500 – F + 302111808 515

Marousi 12 December 2011
Register Nr.067/EPL/GS

FINAL ACCEPTANCE CERTIFICATE

EPC CONSTRUCTION OF HIGH VOLTAGE SUBSTATION "POLIMILOS"

We hereby certify that PARALOS Engineering S.A. has been assigned as EPC (Engineering, Procurement & Construction) Contractor and has successfully completed according to the contract requirements, the project "New 20/150kV Substation in Polimilos Kozani, for the interconnection of WFs Panagia Soumela & Zoodohos Pigi to the national 150kV grid".

The project was executed on EPC basis and mainly included:

I. ENGINEERING

- Civil Study & Building Permits
- Substation's Basic & Detailed Engineering
- Secondary Systems Study
- Protection Study
- PPC Submissions & Approvals

II. PROCUREMENT

- HV, MV & LV Outdoor Equipment and Materials
- 20kV Panels
- AC/DC & Protection Panels
- 20/150kV 40/50MVA Power Transformer
- Digital Protection System
- HMI System
- Equipment and Materials for the secondary systems

III. WORKS

- Excavation and Foundation works
- Construction of Substation's Yard
- Construction of Control Building & Building's Services
- Erection of HV,MV & LV Equipment
- Erection of 20/150kV 40/50MVA Power Transformer
- Set-up of Protection System
- Testing / Commissioning
- Substation's Energization

On behalf of Energiaki Polimilou S.A.E.

George Stassis
Managing Director

ΕΝΕΡΓΕΙΑΚΗ ΠΟΛΥΜΥΛΟΥ Σ.Α.Ε.
ΠΑΡΑΓΩΓΗ & ΕΜΠΟΡΙΟ ΗΛΕΚΤΡΙΚΗΣ ΕΝΕΡΓΕΙΑΣ
ΓΡΑΒΙΑΣ 4 - ΜΑΡΟΥΣΣΙ, Τ.Κ. 151 25
ΤΗΛ. 211 1808500 - FAX: 211 1308515
ΑΦΜ: 998386772 - Α.Ο.Υ. Φ.Α.Ε. ΑΘΗΝΩΝ 469(09)
ΑΡ.Μ.Α.Ε.: 83710/01/Α