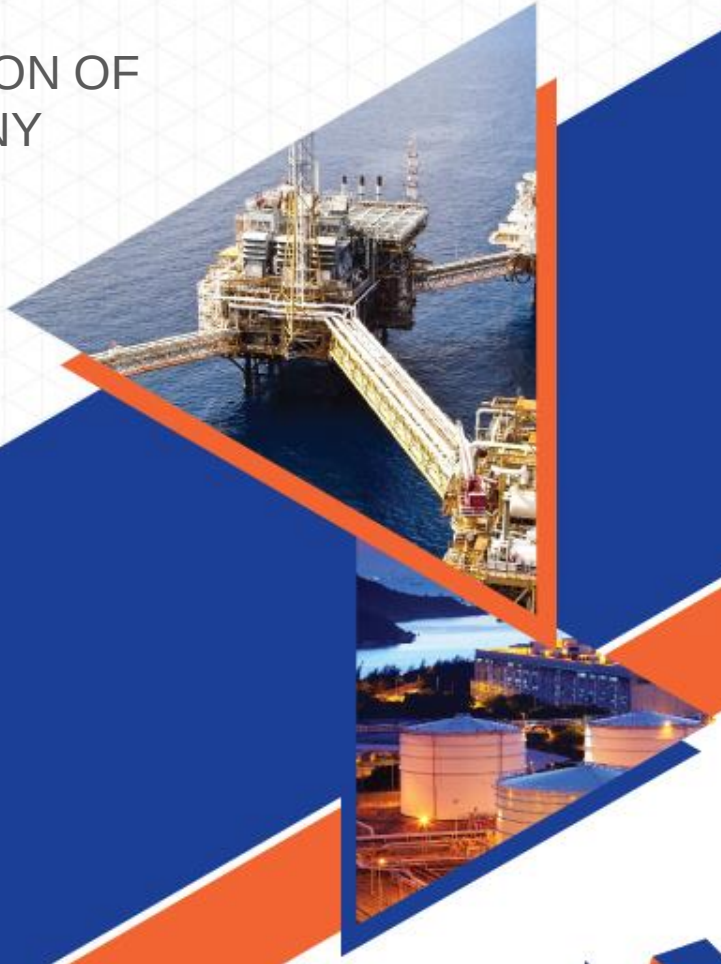
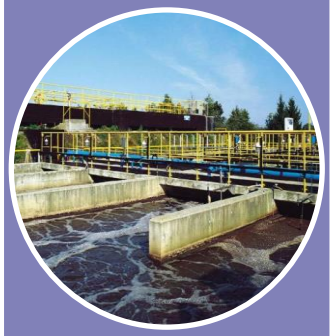
PRESENTATION OF THE COMPANY



INDUSTRY

OIL EXTRACTION

CONSTRUCTION INDUSTRY



ENVIRONMENTAL PROTECTION

ENERGY

SCOPE OF SERVICES

SCOPE OF OPERATIONS

ENGINEREENG

DESIGN

PROJECT MANAGEMENT

EXECUTION OF ELECTRICAL INSTALLATIONS

PREFABRICATION OF DISTRIBUTION BOARDS

COMMISSIONING

SERVICE

Workshop in Bierawa (Poland) – 1700 m2
Workshop in Goerlitz (Germany) – 1700 m2

SIVACON S8
LOW VOLTAGE POWER DISTRIBUTION BOARDS

Switchgear prefabrication - SIVACON

GEAD portfolio projects

Scope of work:
- 5 pc x platforms
- 300 pc x cubicles
- 500 pc x DOL starters

Delivery to:

Singapore, Norway

PCH-1 Cherne project

Scope of work:
- 1 pc x platforms
- 70 pc x cubicles
- 300 pc x DOL starters

Delivery to:

Brazil

Switchgear prefabrication - SIVACON

Eagle Texas –
AET Shipmanagement (Singapore) Pte Limited

Scope of work:
- 3 pc x 690V Main SWBD's
- 9 pc x MCC's
- 150 pc x DOL starters
- 4 pc x automation cabinets

Delivery to Singapore

Already signed 2 contracts!

FPSO SKARV project –

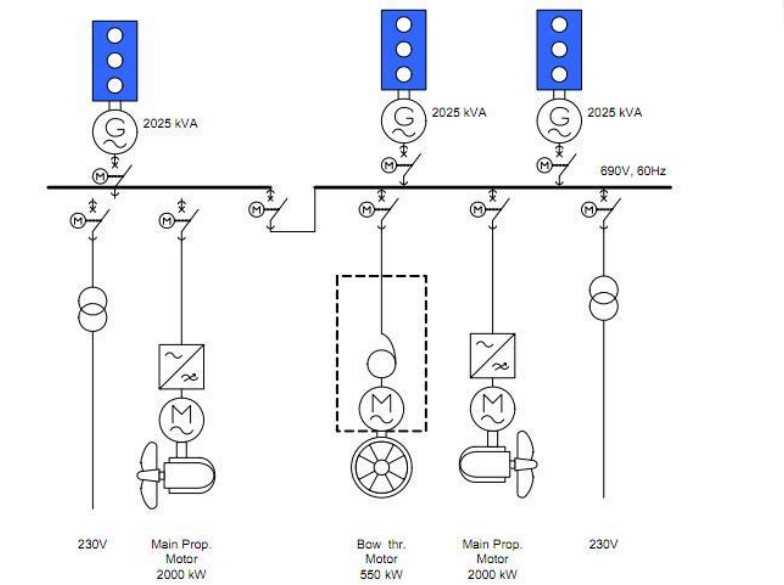
SIVACON 8PT:
- 217 pc x cubicles
- 723 pc x DOL starters

Delivery to Korea

FPSO SKARV:

"…biggest ever built for deployment on the Norwegian Continental Shelf
The Skarv floating production storage and offloading (FPSO) vessel
It serves the Skarv and Idun fields, located just below
the Arctic circle in the northern Norwegian Sea".

Switchgear prefabrication - SIVACON



Offtake Vessels

Scope of work:
- 1 pc x 690V Main Switchboard
- 4 pc x Automation Cabinets

Delivery to Singapore

Switchgear prefabrication - SIVACON

Svitzer fire-fighting tugs

Scope of work:

- 3 pc x 690V main switchboard
- 1 pc x 230V distribution board
- 2 pc x Automation cabinets

Delivery to Klaipedia

CONTROL AND PROTECTION CABINETS FOR HIGH VOLTAGE POWER DISTRIBUTION BOARDS

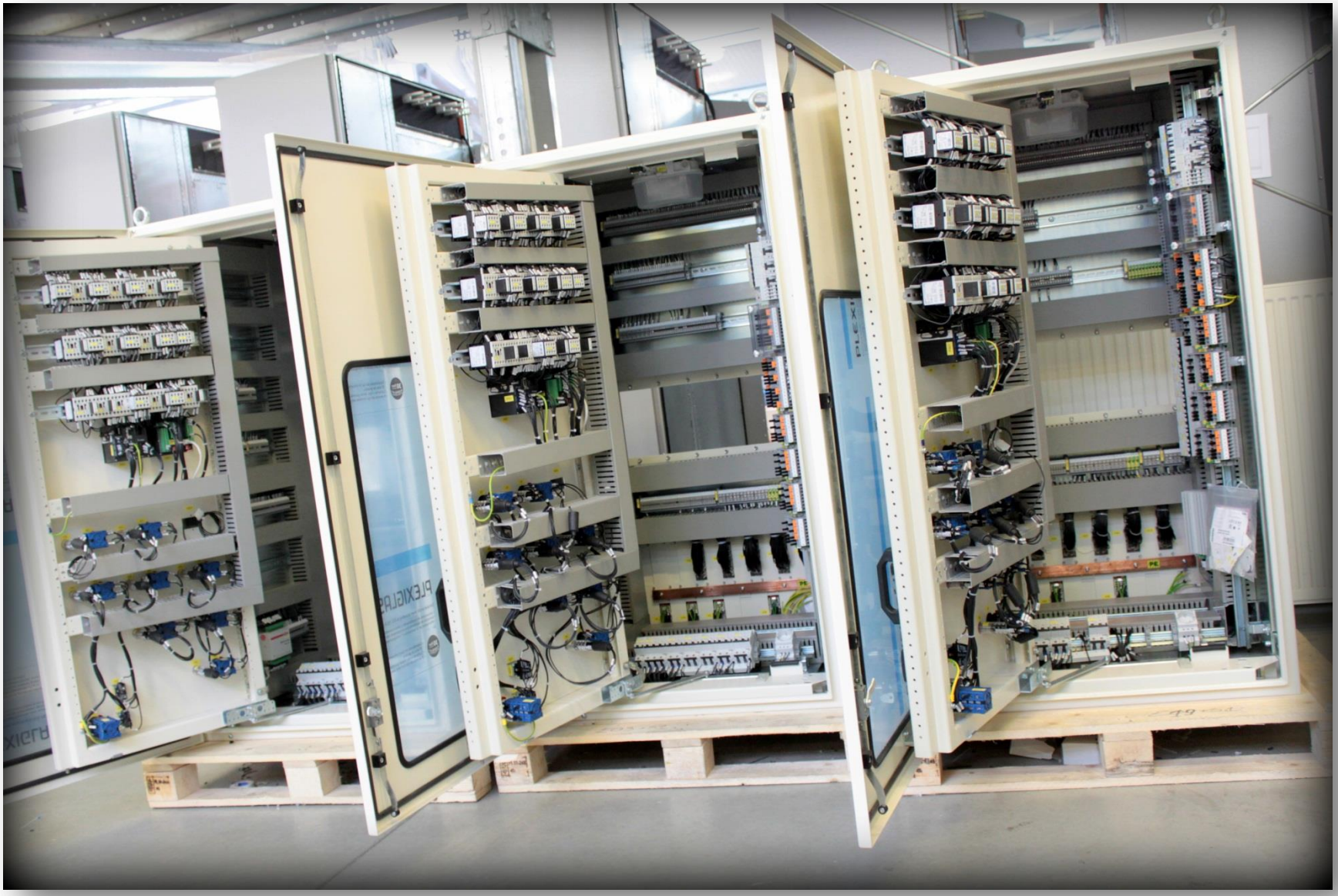
Switchgear prefabrication - LCC

Switchgear prefabrication - LCC

Switchgear prefabrication - LCC

Switchgear prefabrication - LCC

Switchgear prefabrication – Control Cubicles



Sevan Driller 2 & 3 & 4 projects

Delivery of 192 automation cabinets:
- I/O cabinets
- Fire & Gas, ESD cabinets
- PCS cabinets

Switchgear prefabrication – LV compartment (secondary circuits)

GUDRUN 501
10 LV compartments for HV switchgear

ATP CHEVIOT
24 LV compartments for HV switchgear

J.J SIETAS
15 LV compartments for HV switchgear

COSL Prospector
15 LV compartments for HV switchgear

Songa Cat Drill
90 LV compartments for HV switchgear

Electrical Installations Department

Comprehensive project implementation

BIOETHANOL PRODUCTION FACILITY
Goświnowice

28 technological installations over an area of 11 ha
Installed power 12,8 MVA
Delivery and assembly:

- **8x1,6 MVA transformers**
- **MV 8HD10 switchgear**
- **LV 3200A distribution boards from LV1 to LV7**

WIND FARM
Łęki Dukielskie

Installed power 10 MW
Installation of 15 kV internal connections
Installation of 5 transformer stations
Connection to National Grid

Comprehensive project implementation

THERMAL-ELECTRIC POWER PLANT at PCC ROKITA Brzeg Dolny

Design and modernization
Power station equipped with:

- **Two boilers**
- **17,5 MVA/6,3 kV generator**
- **LV switchgears 22 cubicles, 2 ATSE, 2500 A**
- **Main MV switchgear**

NGK CERAMICS Gliwice

- **Installation of five 3150 kVA transformers with Siemens 5000 A busbars**
- **Installation of four 2500 kVA transformers with Siemens 4000 A busbars**
- **Installation of one 1600 kVA transformers with Siemens 2500 A busbars**
- **Delivery and installation of SIMOSEC 24kV, 630 A**
- **Prefabrication and delivery of eight units of LV Sivacon 5000 A**

Comprehensive project implementation

KIRCHHOFF Polska Ltd. ASSEMBLY, Gliwice
Plant No. 1, 2, 3 and power suplly

- **Installation of two 2500 kVA transformers with Siemens 4000A busbars**
- **Installation of five1600 kVA transformers with Siemens 2500A busbars**
- **Delivery and installation of SIMOSEC 24kV, 630 A**
- **Prefabrication and delivery of eight units of LV Sivacon 5000 A**

Toyota Foundry with accompanying ACCUROMM and NTK facilities, Jelcz Laskowice

- **Installation of six 2000 kVA transformers with Siemens 5000A busbars**
- **Delivery and installation of SIMOSEC 24kV, 630 A**
- **Prefabrication and delivery of eight units of LV Sivacon 5000 A**

List of executed projects

List of executed projects - North & South America, Australia

Country	Project	Year	Cubicles
Mexico	SIEMENS AG – SE Lago	2002	9
USA	SIEMENS AG – ADM	2002	3
Australia	SIEMENS AG – Haymarket	2002	18
USA	SIEMENS AG – East Cambridge	2003	7
Australia	SIEMENS AG – Haymarket	2003	2
Chile	SIEMENS AG – Chuquicamata	2004	13
Ecuador	SIEMENS AG – Salitral, Shoray	2005	18
Chile	SIEMENS AG – Gaby Chile 220kV	2007	3
Chile	SIEMENS AG – SE Mauco	2007	5
Ecuador	SIEMENS AG – Ecuador	2007	2
Mexico	SIEMENS AG – Aquascalientes	2007	3
Mexico	SIEMENS AG – Culhuacan / Anahuac / Modulo	2007	16
Peru	SIEMENS AG – SE Yanacocha	2007	3
Venezuela	SIEMENS AG – Alberto Lovera	2007	12
Chile	SIEMENS AG – Codelco Andina	2008	7
Chile	SIEMENS AG – Esperanza	2008	6
Chile	SIEMENS AG – Esperanza	2008	6
Mexico	SIEMENS AG – Baja California	2008	3
Mexico	SIEMENS AG – Playa Mujeres	2008	5
Mexico	SIEMENS AG – Mundo Imperial	2008	1
Mexico	SIEMENS AG – Noroeste – country	2008	3
Mexico	SIEMENS AG – Noroeste – providencia	2008	3
Mexico	SIEMENS AG – Noroeste – san carlos	2008	3
Mexico	SIEMENS AG – Noroeste – centro de gobierno	2008	3
Chile	SIEMENS AG – Los Bronces	2009	5
Chile	SIEMENS AG – Los Bronces	2009	5
Canada	SIEMENS AG – BCTC	2009	5
Mexico	SIEMENS AG – S.E. Morales	2009	1
Mexico	SIEMENS AG – S.E. Valle de Mexico	2009	23
Australia	SIEMENS AG – Jim Boomba	2009	4
Mexico	SIEMENS AG – La Yesca	2010	6
Mexico	SIEMENS FRANCE – Laguna Verde	2010	16
Mexico	SIEMENS AG – Las Glorias 123kV	2010	11
Mexico	SIEMENS AG – Las Glorias 420kV	2010	6
Mexico	SIEMENS AG – SE Aktunchen	2010	5

List of executed projects - Africa, Middle East & Asia

Country	Project	Year	Cubicles	End customer
Pakistan	SIEMENS AG – Islamabad	2002	18	
Egypt	SIEMENS AG – Egipt Sidi Krir	2006	13	West Delta Electricity Production Company
Jordan	SIEMENS AG – Jordania	2007	8	National Electric Power Company (NEPCO)
Egypt	SIEMENS AG – El – Atf	2008	11	Middle Delta Electricity Production Company
Egypt	SIEMENS AG – El–Tebin	2008	33	Cairo Electricity Production Co. Company CEPC
Libya	SIEMENS AG – Libya Al–Rowis 400 kV	2008	27	General Electricity Company of Libya (GECOL)
Libya	SIEMENS AG – Libya Benghazi 400 kV	2008	30	General Electricity Company of Libya (GECOL)
Libya	SIEMENS AG – Libya Ghdams 400/66 kV	2008	41	General Electricity Company of Libya (GECOL)
Libya	SIEMENS AG – Libya Misurata 400 kV	2008	30	General Electricity Company of Libya (GECOL)
Libya	SIEMENS AG – Libya Tripoli South 220 kV	2008	60	General Electricity Company of Libya (GECOL)
Oman	SIEMENS AG – Liwa	2008	10	Oman Electricity Transmission Company
Oman	SIEMENS AG – Azaba	2008	9	Oman Electricity Transmission Company
Oman	SIEMENS AG – Airport	2008	13	Oman Electricity Transmission Company
India	SIEMENS France – RSP	2009	7	
Thailand	SIEMENS AG – Nong Chok	2009	6	
Dubai	SIEMENS AG – Car Complex 132 & 400 kV	2009	41	Dubai Electricity and Water Authority (DEWA)
Iraq	SIEMENS AG – Basrah West	2009	10	Ministry of Electricity of the Republic of Iraq (MoE)
Iraq	SIEMENS AG – New Fao	2009	10	Ministry of Electricity of the Republic of Iraq (MoE)
Iraq	SIEMENS AG – New Vazeriya	2009	10	Ministry of Electricity of the Republic of Iraq (MoE)
Libya	SIEMENS AG – Libya Abu-Arqub 400 kV	2009	23	General Electricity Company of Libya (GECOL)
Libya	SIEMENS AG – Libya Al-Tebba 400 kV	2009	21	General Electricity Company of Libya (GECOL)
Libya	SIEMENS AG – Libya Tripoli South 400 kV	2009	27	General Electricity Company of Libya (GECOL)
Libya	SIEMENS AG – Libya Wadi Migenin 245 kV	2009	7	General Electricity Company of Libya (GECOL)
Oman	SIEMENS AG – Oman Cement, Wadi Sa'a, Seeb, Shinas Resort	2009	28	Oman Electricity Transmission Company
Oman	SIEMENS AG – Yitti, Qurum, Muttrah	2009	24	Oman Electricity Transmission Company

List of executed projects - Europe

Country	Project	Year	Cubicles
Ireland	SIEMENS AG – Finglas	2002	2
Bosna i Hercegovina	SIEMENS AG – PEC Mlini	2003	4
Ireland	SIEMENS AG – Inchicore I	2003	11
Switzerland	SIEMENS AG – UW Frohalp I	2003	4
Italy	SIEMENS AG – Mantova	2003	5
Switzerland	SIEMENS AG – UW Frohalp II	2004	6
Switzerland	SIEMENS AG – UW Sempersteig	2004	5
Netherlands	SIEMENS AG – Geleen	2005	19
Switzerland	SIEMENS AG – UW Wulflingen	2005	5
Austria	SIEMENS AG – UW Graz–West	2006	1
Austria	SIEMENS AG – UW Pichling	2006	10
Italy	SIEMENS AG – Ferrara Forli	2006	2
Italy	SIEMENS AG – Livorno Ferraris	2006	14
Austria	SIEMENS AG – UW Mitterdorf	2007	1
Germany	SIEMENS AG – Mega Test Centre	2007	13
Germany	SIEMENS AG – Salzgitter	2007	25
Russia	SIEMENS AG – Beskudnikowo 500kV	2007	18
Russia	SIEMENS AG – Vessennjaja	2007	15
Russia	SIEMENS France – Beskudnikowo 220kV	2007	30
Italy	SIEMENS AG – Priollo Gargarllo	2007	10
Italy	SIEMENS AG – Sanazzaro	2007	8
Italy	SIEMENS AG – Imola	2007	4
Ireland	SIEMENS AG – Poppintree	2008	7
Lithunia	SIEMENS AG – Bard Engineering	2008	2
Germany	SIEMENS AG – UW Garenfeld	2008	19
Romania	SIEMENS AG – Gura	2008	20
Switzerland	SIEMENS AG – Renfile	2008	9
Austria	SIEMENS AG – UW Linz–City	2009	6
Spain	SIEMENS AG – Movil 3, Movil 4	2009	2
Netherlands	SIEMENS AG – Alblasserdam, Alblasserwaard West	2009	16
Ireland	SIEMENS AG – Inchicore Ext. 2	2009	6
Germany	SIEMENS AG – UW Zaunkoenigweg	2009	9
Germany	SIEMENS AG – UW Burchardkai	2009	5
Germany	SIEMENS AG – UW Holthausen	2009	20
Germany	SIEMENS AG – UW Saltzgitter	2009	2
Germany	SIEMENS AG – UW Walzwerk	2009	3
Poland	SIEMENS AG – Kobierzyce	2009	1
Russia	SIEMENS France – Zavod	2009	7
Switzerland	SIEMENS AG – NOK Schlatingen	2009	16
Switzerland	SIEMENS AG – UW Herden	2009	9
Switzerland	SIEMENS AG – UW Muenchwillen	2009	14
Switzerland	SIEMENS AG – UW Toessfeld	2009	5
Italy	SIEMENS AG – Porta Volta	2009	15
Italy	SIEMENS AG – Turano Lodigiano	2009	4
Norway	Heimdal (End Customer: Statoil - Hydro)	2007	5; 27
Norway	Sten Don Drilling (End Customer: Stena Don)	2008	3; 4
Norway	FPSO Skarv Development (End Customer: British Petroleum)	2008/2009	217; 723

KONGSBERG

SIEMENS

Key advantages:

- Well known requirements
- Experience
- Approved solutions

ISO Certificates

DNV

DNV Business Assurance

Management System Certificate

Main Certificate No. 117340-2012-AQ-POL-RvA

This is to certify that

ENERGOPOL-TP ELBUD S.A.

ul. Gliwicka 8, 47-240 Bierawa, Poland

has been found to conform to the Management System Standard:

ISO 9001:2008

This Certificate is valid for the following product or service ranges:

Engineering and manufacturing of electrical switchgear and controlgear.
Engineering and realization of electrical installations.

Initial Certification date:
13 June 2012

This Certificate is valid until:
13 June 2015

The audit has been performed under the supervision of

Mariusz Pisera
Lead Auditor

RvA MGMT. SYS. C 024

Place and date:
Gdynia, 13 June 2012

for the Accredited Unit:
Det Norske Veritas Certification B.V.,
The Netherlands

Katarzyna Frelek
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

Accredited unit: Det Norske Veritas Certification B.V., Zwolseweg 1, 2994 LB, Barendrecht, The Netherlands, TEL: +31 (0) 10 2922600, www.dnvba.com

DNV

DNV Business Assurance

Management System Certificate

Certificate No. 117339-2012-AE-POL-RvA

This is to certify that

ENERGOPOL-TP ELBUD S.A.

ul. Gliwicka 8, 47-240 Bierawa, Poland

has been found to conform to the Management System Standard:

ISO 14001:2004

This Certificate is valid for the following product or service ranges:

Engineering and manufacturing of electrical switchgear and controlgear.
Engineering and realization of electrical installations.

Initial Certification date:
13 June 2012

This Certificate is valid until:
13 June 2015

The audit has been performed under the supervision of

Małgorzata Mrzygłód
Lead Auditor

RvA MGMT. SYS. C 024

Place and date:
Gdynia, 13 June 2012

for the Accredited Unit:
Det Norske Veritas Certification B.V.,
The Netherlands

Katarzyna Frelek
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

Accredited unit: Det Norske Veritas Certification B.V., Zwolseweg 1, 2994 LB, Barendrecht, The Netherlands, TEL: +31 (0) 10 2922600, www.dnvba.com

ISO Certificates

DNV

DNV BUSINESS ASSURANCE
MANAGEMENT SYSTEM CERTIFICATE

Certificate No. 117337-2012-AHSO-POL-FINAS

This is to certify that

ENERGOPOL-TP ELBUD S.A.

ul. Gliwicka 8, 47-240 Bierawa, Poland

has been found to conform to the Management System Standard:

OHSAS 18001:2007

This Certificate is valid for the following product or service ranges:

Engineering and manufacturing of electrical switchgear and controlgear.
Engineering and realization of electrical installations.

Initial Certification date:
19 June 2012

This Certificate is valid until:
13 June 2015

The audit has been performed under the supervision of

Jacek Czarnecki
Lead Auditor

FINAS
Finnish Accreditation Service
S001 (EN ISO/IEC 17021)

Place and date:
Gdynia, 19 June 2012

for the Accredited Unit:
DNV CERTIFICATION OY/AB,
FINLAND

Krzysztof Binkowski
Management Representative

Lack of fulfilment of conditions as set out in the Certification Agreement may render this Certificate invalid.

DNV CERTIFICATION OY/AB - KEILASATAMA 5, 02150 ESPOO, FINLAND - +358 10 292 4200 - WWW.DNVBA.FI

ASTA certificates

Intertek

Certificate No. 17854

ASTA Certificate

of Selected Verification Tests

Laboratory Ref. No: 3444.2100784.0590

APPARATUS: 110 V DC / 400/230 V AC / 750 V / 2.5 kV ($U_e/U_e/U_i/U_{imp}$), 50 Hz controlgear assembly

DESIGNATION: Local Control Cubicle

MANUFACTURER: TP-elbud Spółka Akcyjna
ul. Gliwicka 8, 47-240 Bierawa, Poland

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik" GmbH
Landsberger Allee 378A, 12681 Berlin, Germany

RST Rail System Testing GmbH
Am Rathenaupark, 16761 Hennigsdorf, Germany

DATE(S) OF TESTS: 16 August to 14 September 2010

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with

IEC 61439-2: Edition 1.0 2009-01

Verifications with reference to the tests listed in Annex D:

1:	strength of material and parts	10:	short-circuit withstand strength
3:	clearances and creepage distances	11:	electromagnetic compatibility (EMC)
4:	protection against electric shock	12:	mechanical operation
8:	dielectric properties		

Refer to page 1 for ratings

The results are shown in the record of Proving Tests attached hereto. The values obtained and the general performance is considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer as stated on the ratings page(s). This certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.

This Certificate comprises this front sheet, 1 rating page plus 26 other pages as detailed on page 3.

Only integral reproductions of this whole certificate or reproductions of this page accompanied by any ratings pages are permitted.
Issued by Intertek, Hilton House, Corporation Street, Rugby, CV21 2DN England.
Contact: asta@intertek.com Tel: +44 (0)1788 578435

UKAS PRODUCT CERTIFICATION 010

ASTA Observer Harald Glabsch

Certification Manager

18TH OCTOBER 2010 Date

Intertek

Certificate No. 17911

ASTA Certificate

of Degree of Protection

Laboratory Ref. No: 3444.2110027.0029

APPARATUS: Empty enclosure for low-voltage switchgear and controlgear assemblies

DESIGNATION: Empty enclosure for Local Control Cubicle

MANUFACTURER: Zaklad Produkcji Automatyki Sieciowej S.A.
Przygórze 209, 57-431 Wolibórz, Poland

TESTED FOR: TP-elbud S.A.
ul. Gliwicka 8, 47-240 Bierawa, Poland

TESTED BY: Institut „Prüffeld für elektrische Hochleistungstechnik" GmbH
Landsberger Allee 378A, 12681 Berlin, Germany

RST Rail System Testing GmbH
Environmental Lab, Am Rathenaupark, 16761 Hennigsdorf, Germany

DATE(S) OF TESTS: 01 February 2011

The apparatus, constructed in accordance with the description, drawings and photographs incorporated in this certificate has been subjected to the series of proving tests in accordance with

IEC 62208: Edition 1.0 2002-11

9.7 Verification of degree of protection IP5X

The results are shown in the record of Proving Tests attached hereto. The values obtained and the general performance is considered to comply with the above Standard(s) and to justify the ratings assigned by the manufacturer. This certificate applies only to the apparatus tested. Responsibility for conformity of any apparatus having the same or other designations rests with the Manufacturer.

This Certificate comprises this front sheet plus 8 other pages as detailed on page 2.

Only integral reproductions of this whole certificate or reproductions of this page accompanied by any ratings pages are permitted.
Issued by Intertek, Hilton House, Corporation Street, Rugby, CV21 2DN England.
Contact: asta@intertek.com Tel: +44 (0)1788 578435

UKAS PRODUCT CERTIFICATION 010

ASTA Observer M. Heise

Certification Manager

15TH MARCH 2011 Date

NAFTO sp.z.o.o

Certification

- In December 2013 NAFTO got certified according to the requirements of EN ISO 3834-2 (PED 97/23/EC and AD 2000-Merkblatt HP 0).
- On this basis our scope of production includes::
  - manufacturing and assembly of superheaters, coils,
  - pressurized containers
  - pressureless vessels as well as pressure parts for boiler systems (membrane walls, pipelines, channels)
  - steel constructions

- We fabricate the above listed items from unalloyed, low-alloyed high temperature resistant and austenitic stainless steels. The max. dimensions of components should stay within the following restrictions:
  - up to 30 mm thickness
  - 20 m length
  - max. Ø 5 000 mm


CERTIFICATE

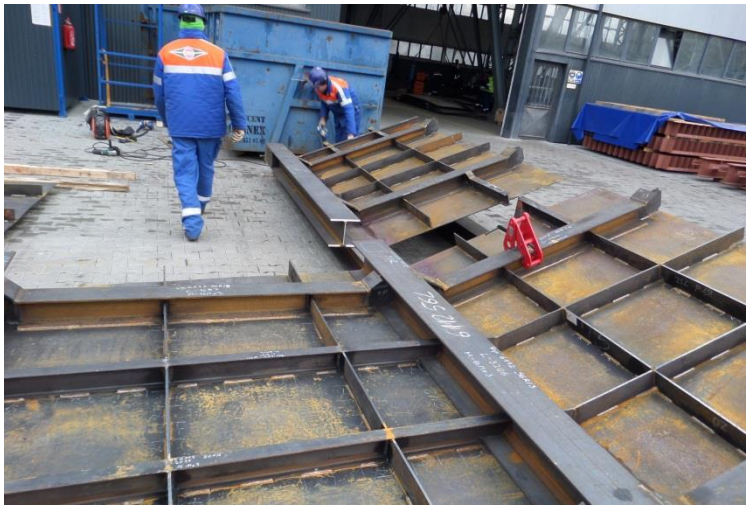
- We apply the following welding methods:
  - MMA 111. Manual metal arc welding
  - MAG 135. Welding with solid wire electrode
  - 141 TIG with solid filler material wire/rod


CERTIFICATE

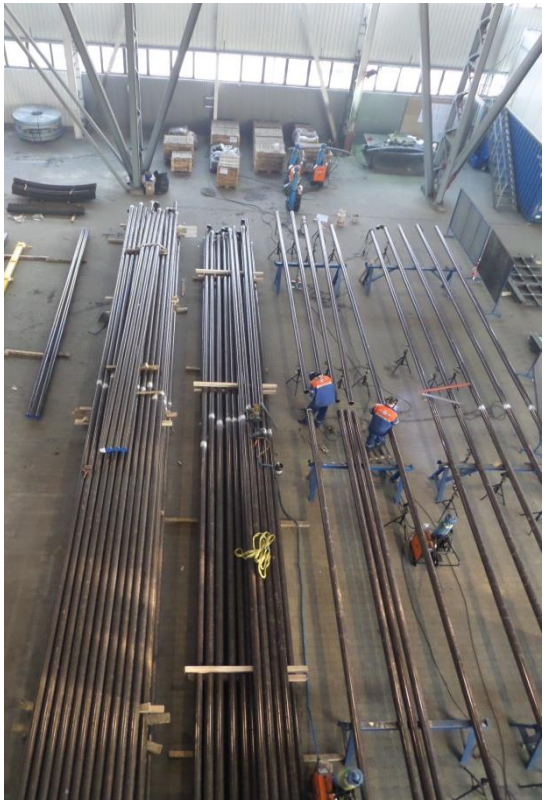
Our Offer

NAFTO operates in power generation industry and in all sectors of chemical industry, including particularly refineries, petrochemical and gas plants. We offer the following scope of services:

- Prefabrication of steelwork of any type and complexity degree, focusing on direct fired heaters and Waste Heat Recovery Units (WHRU's)



- Prefabrication of complete pressure and non-pressure pipings
- Prefabrication of coils for direct fired heaters
- Modularization of convection modules for direct fired heaters, skids and equipment



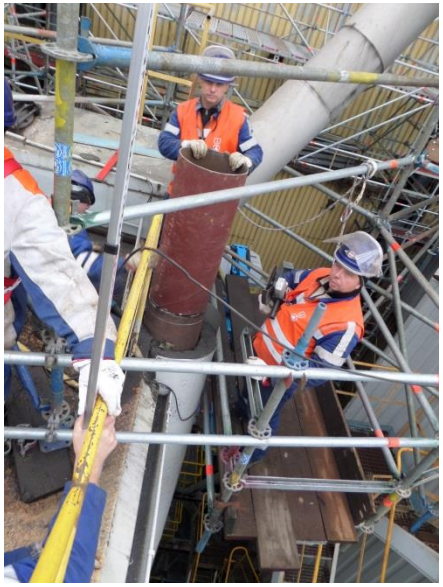
- Levelling and aligning of machines and rotary equipment

- Non Destructive Testing (NDT) of welded joints :
  - VT
  - RT
  - MT
  - PT
  - UT

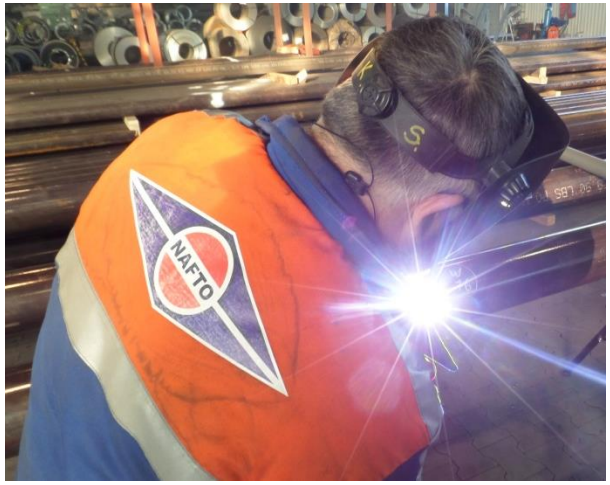
- PWHT and HT
- PMI
- Pressure and leak tests

- Construction of complete greenfield or brownfield industrial installations comprising, among others, erection of support structures, pipings, equipment and direct fired heaters

- Construction of complete tank farms and storage tanks, which are used for storing liquids and gases



- Revamp and renewal of industrial plants during TAR’s



Thank you
for your attention

We invite you to cooperation !

DZIĘKUJEMY ZA UWAGĘ

ETP Spółka Akcyjna

Siedziba główna
40-301 Katowice, ul. Siemianowicka 5a
tel. (+48) 32 25 99 675
tel. (+48) 32 25 99 444
fax (+48) 32 25 99 676
e-mail: katowice@etpsa.pl
www.etpsa.pl

Zakład w Bierawie
47-240 Bierawa, ul. Gliwicka 8
tel. (+48) 77 480 22 00
fax (+48) 77 487 28 00
e-mail: bierawa@etpsa.pl
www.etpsa.pl

NIP 634-000-40-17
REGON 271431626
KRS 0000055522

EN ISO 9001:2008
EN ISO 14001:2004
BS OHSAS 18001:2007