

# Electrical Services Company



in Świecie

tel. (52) 33 211 78, 33 240 26, 33 240 60

[www.remel.pl](http://www.remel.pl)  
[remel@remel.pl](mailto:remel@remel.pl)

**Our Company will bring your motors back to  
life!**

**Our Company will heal your electrical system!**

Z.U.E. RemEl Sp. z o.o.  
ul. Bydgoska 1  
86-105 Świecie

# Management Board

**President** - Jerzy Czuryło

**Board Member** - Marzenna Kruczyńska

## Technical Department

**Production Director** – Dariusz Bohdziewicz

**Management Representative for Quality Management** - Mirosław Jakubowski

**Marketing, Supervision and Logistics Department Manager** – Jeczek Mews

**Mechanical Department Manager** – Marcin Andrys

**Electric Department Manager** – Andrzej Kuberski

## About As

Electrical Services Company Z.U.E Remel was established on January 1<sup>st</sup>, 1992 on the basis of the Electrical Workshop in Pulp and Paper Plant in Świecie (ZCiP Świecie), which today is Mondi Paper Świecie S.A. We have gained our experience during the last 40 years in the fields of repairs of electrical equipment, repairs and execution of electrical systems and cable repairs. Since the beginning of our business activity, we have been conducting trainings for apprentices, who are familiarised with the tricks of the trade by the “old staff”. This enables the maintenance of a high level of services. Those apprentices, after their trainings, naturally replace the retired personnel. In 2002 Z.U.E “RemEI” commenced the implementation of the Integrated Quality and Environmental Management System based on the PN-EN ISO 9001:2000 and PN-EN ISO 14001:2004 standards. At the end of this process, in January 2003, we have received the ISO 9001 and ISO 14001 Certificates. In 2008 we have been granted those certificates for the following three years. It proves our involvement and care for the Customer’s welfare, quality of our services and the protection of natural environment. We have a large base of equipment and machinery, which we systematically supplement with new machines and tools, what gives us the assurance, that the services provided by our company are on an exceptionally high level.

## What can we do?

**For our Customers – everything! We provide standard and non-typical repairs of motors and electrical systems and all related services.**

### **Inspections, overhauls, rewinding, mechanical repairs of:**

- high voltage cage and slip-ring motors
- low voltage cage and slip ring motors, single- and multispeed motors for various purposes
- direct current motors
- traction motors
- SCHARGE motors
- Ex-motors
- and also we use the isolation according to the classification from A to F and provide regeneration and exchange of shafts
- need more details?



Call us: (052) 33 240 26, 33 240 60, 33 211 78 and we will provide you with additional information

### **We provide:**

- dynamic balancing of rotors, ventilators/fans
- laser alignment
- inspections and repairs of overhead cranes, lifting equipment (cranes), process lines in terms of machines, automatics and power supply systems
- repairs of electric tools, rectifiers, etc.
- repairs of dry transformers
- impregnation of windings with a pressure/vacuum method
- need more details? Call us: (052) 33 240 26, 33 240 60, 33 211 78 and we will provide you with additional information

## Modern drives, application of converters.

### We offer:

- selection of a proper motor within a brand indicated by the customer
- selection of adequate frequency converters – we can provide a wide range of converters in various prices (but with similar quality and properties)
- execution of cable routes, cable laying, connection, measurements
- assistance with the first start-up
- information and operation trainings

### What are we proud of?

We have already executed several dozens of such works for various investors. We have mounted converters of the capacity of **1,5 MW** (see picture below - converter and the 1,5 MW pump)



Converter



Pump

Our work was assessed as a high quality performance. We do business with the best companies: ABB, DANFOSS, ELIN and many other.

### **Within general overhauls we provide:**

- supplementing of mechanical elements
- replacement of bearings
- replacement of winding
- dynamic balancing of rotors
- tests between operation stages and final tests of the electrical part of installations
- comprehensive measurements of geometry of mechanical parts
- vibration measurements during motor operation
- need more details? Call us: (052) 33 240 26, 33 240 60, 33 211 78 and we will provide you with additional information



### **LARGE CAPACITY HV MOTORS**

- idle run tests
- comprehensive assessment of motor isolation condition
- winding isolation tests
- measurements of losses and heating of magnetic motor circuits
- measurements and diagnostics of vibration
- need more details? Call us: (052) 33 240 26, 33 240 60, 33 211 78 and we will provide you with additional information



### **LV MOTORS**

- assessment of motor isolation condition
- idle run test
- motor load test
- measurements and diagnostics of vibration
- need more details? Call us: (052) 33 240 26, 33 240 60, 33 211 78 and we will provide you with additional information



## DIRECT CURRENT MACHINES



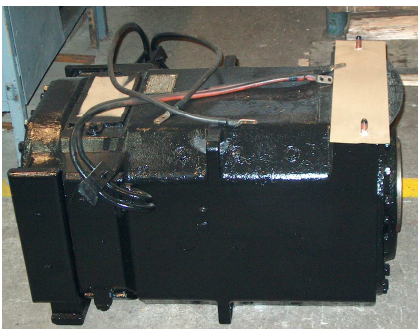
- we regenerate commutators (turning + grooving) and brush holders
  - assessment of motor isolation level
  - idle run test
  - load test
  - mechanical strength test
  - measurements and vibration diagnostics
  - need more details? Call us:  
(052) 33 240 26, 33 240 60, 33 211 78
- we will provide you with additional information

We grant a 12-month guarantee for general repairs (negotiations are possible)

We reserve the right to check the cases of damages at the Customer's site in order to determine the causes of the failure – this applied to repeated cases.

## TRACTION MOTORS

We also perform full repairs and overhauls of **traction motors**.  
We guarantee a reliable and thorough performance of services and an adaptation to your needs and requirements.



## Scope of electrical works:

- electrical installations
- electrical installation in explosion hazard zones in EX standard
- installation of equipment and apparatus MV, LV, station and power facilities
- installation of cable lines MV and LV
- street lighting
- installation of lightning protection/arresters
- execution of lighting in all types of facilities and open space
- protective measures and post-installation measures
- execution of pipeline electric heating
- assembly of LV and MV switchboards of a chosen manufacturer (selected by the Customer)
- searching for defects in electrical cables
- execution of telecommunication and computer networks
- need more details? Call us: (52) 33 240 26, 33 240 60, 33 211 78 and we will provide you with additional information



## OTHER

Within the scope of additional work we perform full repairs of **SUBMERISBLE PUMPS** and **GEAR UNITS**.

## **Our strengths are confirmed by:**

- **Certificate ISO 9001 and 14001**
- **recognition of the Polish Register of Shipping**
- **positive feedback after an audit performed by Gdańsk Repair Shipyard**
- **low prices**
- **professional staff**
- **short deadlines, which we always meet**
- **share capital PLN 450 000**
- **cooperation with waste recycling companies**
- **certificates for all materials used and authentication for measuring equipment used**
- **proper transport facilities**
- **relevant protocols, which we prepare for all works**

## **Equipment in our possession:**

- **[pressure-vacuum chamber for impregnation of windings](#)**
- **[portable instrument for bearing diagnostics and balancing PRUFTECHNIK](#)**
- **computer balancing machine CIMAT enabling the balancing of rotators with max. length of 2200 mm and 1400 mm diameter**
- **stretcher for Maxei coils – enables the creation of coils of every type and size**
- **H. Schuman press for coils**
- **laser alignment instruments by Optalign, EASY LASER**
- **[we have our own transportation for up to 6.5 tonnes](#)**
- **testing station with test bench for up to 100 kW**
- **assembly lifts up to 18 m**



## List of selected works performed in recent years

- 1) Among others we have performed repairs for the following facilities:
  - Gdańska Stocznia Remontowa
  - Malta Dekor Poznań
  - IP Kwidzyn
  - Cukrownia Malbork
  - Mondi Świecie (formerly cellulose in Świecie)
  - Lafarge Cementownia Kujawy (Bielawy)
  - Eurobox Ujazd
  - Saur Gdańsk
  - KPEC Bydgoszcz
- 2) Complete installation of lighting of Paper Machine No. 7 in Mondi Świecie (for all buildings and premises), the value of work was 10 000 000,- PLN
- 3) Placing the power supply line (3x240) 6kV of 10 segments, 390 m each, for Mondi Packaging Paper Świecie S.A.
- 4) Placing the power supply line for the new power cabinet Kasztelan Sierpc
- 5) Replacing the switchboard at the BOŚ and MOŚ for Frantschach Świecie
- 6) Modernisation of pumping station for Frantschach Świecie S.A.
- 7) Installation of new power supply and new electrical system for the corrugator for Eurobox Ujazd
- 8) Execution of street lighting in Świecie
- 9) Modernization of Paper Machine No. 3 for Frantschach World S.A.
- 10) Repair of electrical installation in the solvent paints production hall (explosion-proof facility) for DYRUP POLSKA in Łódź
- 11) Carrying out the inspections and maintenance of electrical installations in International Paper Kwidzyn S.A.
- 12) Execution of the entire supply system for the newly constructed Wood Preparation Department in Frantschach Świecie S.A.
- 13) Total replacement of switchboards and installations of 6 and 0,4 kV on the Paper Machine No. 5 for Frantschach Świecie S.A.

## Reference list

If you would like to confirm the quality of our services and satisfaction of our Customers, please contact the following companies.

<b>Abzac</b>	Świecie
<b>Atlas Copco</b>	Warszawa
<b>BART</b>	Sulnowo
<b>Browar Kasztelan</b>	Sierpc
<b>Ekopłyta</b>	Czarnków
<b>Elstar-Oils</b>	Elbląg
<b>Eurobox Ujazd</b>	Ujazd
<b>Fripol</b>	Świecie
<b>Graso</b>	Starogard Gdański
<b>Gzella</b>	Osie
<b>Hydrotor</b>	Toruń
<b>IP Kwidzyn</b>	Kwidzyn
<b>Klose</b>	Nowe
<b>KPEC</b>	Bydgoszcz
<b>Lafarge Cementownia Kujawy</b>	Bielawy
<b>Malta Dekor</b>	Poznań
<b>Mekro</b>	Świecie
<b>Mondi Bags</b>	Świecie
<b>Mondi Świecie S.A.</b>	Świecie
<b>Plastchem</b>	Świecie
<b>PMP Fast Service</b>	Świecie
<b>Polfa</b>	Tarchomin
<b>Polpak</b>	Poledno
<b>Polski Cukier</b>	Malbork
<b>Provimi</b>	Świecie
<b>Saturn Management</b>	Świecie
<b>Saur Neptun Gdańsk</b>	Gdańsk
<b>SNP Uśnice</b>	Uśnice
<b>Stocznia Remontowa</b>	Gdańsk
<b>Vinylex</b>	Wąbrzeźno
<b>Wall</b>	Bydgoszcz
<b>ZEC Łódź</b>	Łódź