

ELECTROMAGNETICA



LED LIGHTING SOLUTIONS

ELECTRIC CARS CHARGING STATIONS

ELECTRICAL AND ELECTRONIC EQUIPMENT

PLASTIC INJECTION MOULDING

DESIGN

ELECTRONIC, PLASTIC, METALLIC PRODUCTS
AND SUBASSEMBLIES SUBCONTRACTING

ELECTRICITY PRODUCTION AND SUPPLY

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Electromagnetica SA is a joint stock company, with legal personality and unlimited life, duly established and operating under the memorandum of association and under the Law no. 31/1991, republished in 2004, and amended by the Law no. 441/2006, GEO no. 82/2007 and GEO no. 52/2008, as well as in compliance with the Law on capital markets no. 297/2004 and the Law on issuers no. 24/2017.

MISSION, VISION, VALUES

The MISSION of ELECTROMAGNETICA top management and employees is to offer high-performance solutions, based on new technologies, to fully satisfy customers and to reasonably respond to expectations, by searching and opening new paths in technology and business.

Our VISION for accomplishing the undertaken mission is to develop products resulting from our own research-design activity. Through its strategy, ELECTROMAGNETICA aims to expand to complementary fields, with high growth potential, ensuring the superior capitalisation of research-development resources and its technological base. The company also intends to maintain a high degree of production flexibility, the total or partial outsourcing of mechanical processes at competitive costs, profit reinvestment, financing mainly from its own sources, balanced diversification of activity and risk balancing.

The VALUES that define and permanently shape the company's identity and organisational structure are:

- Creativity: we are innovative and insist on always applying the latest technologies and most suitable solutions;
- Business ethics: represents the foundation of our business relationships, characterised by honesty, integrity, communication and mutual trust;
- Collaboration: we have a proactive attitude towards the customers' needs, offering them quality products and services that add value through long-term direct and indirect benefits;
- Responsibility: we act responsibly to protect the environment, the safety, health and personal development of employees, to create a competitive business environment, of integrity, the social and cultural development of the community;
- Self-confidence: we believe that teamwork, along with capitalising our own experience and resources, gives us the necessary strength for the fulfilment of our mission and the sustainable development of the company;
- Adaptability: we are constantly adapting to the requirements of the market, searching and discovering new opportunities, but being constantly focused on the customers' needs and expectations.

SHORT HISTORY

1930

Established under the name "Standard Romanian Electrica" , the company develops the first telephones sets and telephone exchanges in Romania.

1948

Company expands the business activity to manufacturing electric meters and electromagnetic measuring instruments.

1959

Company operations extended by automation equipment for railway infrastructure, rectifiers and relays.

1962

In accordance with the main activity, the company is renamed ELECTROMAGNETICA

1968

Crossbar - Pentaconta automatic telephone exchanges start to be manufactured.

1990

ELECTROMAGNETICA becomes a joint stock company.

1996

Manufacturing of automotive and electrical subassemblies. Implementation of the Quality Management System certified by AEROQ.

1997

Company shares listed on Romanian stock exchange RASDAQ. Manufacturing of telecommunications shelters.

1998

Equipment meant for electric power supply and distribution, including the new family of electronic meters begin to be developed. ELECTROMAGNETICA is certified by RENEL as supplier of products and services for its subsidiaries.

1999

ELECTROMAGNETICA becomes a private company. The first Marketing Authorisation for electrical products issued by ELECTRICA company.

2000

ELECTROMAGNETICA becomes supplier of products and services certified by HIDROELECTRICA, TERMoeLECTRICA and TRANSELECTRICA.

2002

ELECTROMAGNETICA starts supplying electricity for eligible consumers allowed by ANRE.

2004

The company implements the Environmental Management System.

2005

The implementation of “ENERGSys”, the Centralized System for Remote Reading and Management of Residential Electric Meter Data.

2006

ELECTROMAGNETICA acquires 10 small hydro power plants and gets the related license as energy producer from renewable sources.

2008

The starts of the investment program for the hydroelectric power plants, in terms of modernization, renovation and increasing of the production capacity.

2010

ELECTROMAGNETICA design and delivers the first LED lighting devices based on LED technology for energy savings.
Completion of construction SHPP Brodina de Jos - new objective.

2011

Completion of construction SHPP Brodina 2 - new objective.
Listing of company shares to first tier of BSE.

2013

Completion of investment in small hydro power plants started in 2008.

2015

ELECTROMAGNETICA purchased two new machines, a CNC and EDM machines for molds factory.

2017

ELECTROMAGNETICA design and produces the first charging station for electric vehicles.

2019

ELECTROMAGNETICA introduces new high-efficiency street and commercial LED lighting fixtures

2020

The fast charging station for electric vehicles was built SIVE DC 50kW/AC 22kW, as well as the management program for electric vehicle charging stations ELMotion

2021

The fast charging station for electric vehicles was built SIVE DC 100kW and AC 22kW / AC 43kW

Chapter II

OBJECT OF ACTIVITY

LED LIGHTING SOLUTIONS

We proposed that through **Innovation**, **Investment** and **Creativity** to open new directions in the field of LED illumination.

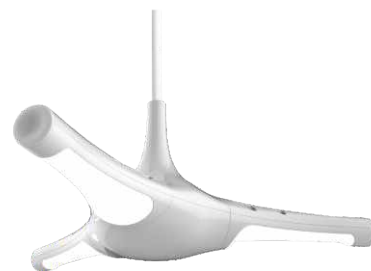
Residential / environmental / office lighting

**ALCOR**

Lighting shopping malls, offices, conference rooms

**INDO**

Lighting offices, conference rooms

**IGREGO**

Lighting offices, conference rooms

Street lighting



EVOCity Eco
Street lighting



PHEONIX
Pedestrian lighting

Industrial lighting



GAMMA

Lighting shopping mall

ARGO

Lighting shopping mall

AVIO

Lighting shop windows, shelves, shopping centers

Projectors



RONDA

Arhitectural lighting



AQUILLA 3M

Stadium lighting, sports fields



CASTOR 2M

Industrial lighting



CASTOR 4M

Industrial lighting



CASTOR 6M

Industrial lighting

Emergency indicators



SIGMA
Safety lighting



INDUS
Safety lighting

Antiex

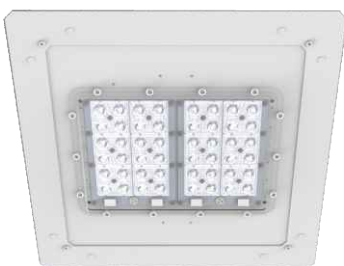


CETEX
Gas station lighting



GEMMA
Gas station lighting

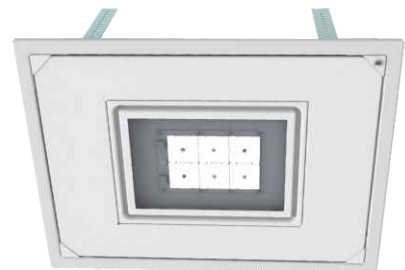
Special application



DORADO
Gas station lighting



CANOPUS
Portable hand lamp



VEGA
Gas station lighting

CHARGING STATIONS FOR ELECTRICAL VEHICLE

ELMotion charging stations are designed and produced by ELECTROMAGNETICA and offer professional charging for the public and business domains. They are reliable, shock and vandalism resistant with a modular and robust design.

ELMotion is a trademark at OSIM

Electric vehicle charging station ELMotion Power 22/ AC 22kW

ELMotion Power 22 (EAVE22C) is a power supply for electric vehicles and offers professional charging in the public domain. The equipment is mounted on the ground and connects to the three-phase power grid (3P + N) ensuring a maximum load power of 22.1kW / h at 32A for a single vehicle.

The limitation of the load current offered can be adjusted in the range 6 ... 80A. The connection to the vehicle is made in 2 ways:

- Schuko outlet
- cable with type 2 plug.

The access control for the loading is done with a hold button. Bilingual registration.

OPTIONS

- Control the ventilation / air conditioning of the room at the request of the vehicle
- Warm-up equipment to increase operating range
- The housing can be customized according to the request

TECHNICAL SPECIFICATIONS

TN-S (L1, L2, L3, N, PE)16A, 230Vac, 1P, 3.2kW 32A, 400Vac, 3P, 22.1kW

Network connection 380 ... 415Vac, 50 / 60Hz, 32A

Grounding system

Load power

- red symbol indicates error
- yellow symbol indicates ready equipment
- green symbol indicates ongoing upload

Communications

Ethernet mode Modbus RTU data exchange and commands

Modbus RTU / RS 495 Data exchange and orders

By car Using the charging cable according to SR EN 61851

Size 1110 x 353 x 190 mm

Weight 40kg

PROTECTION

- over voltage
- the short circuit
- to the touch

MODES OF LOADING

- mod1 - 230Vac, 16A unlimited - Schuko type F socket with protective cap
- mod2 - 230Vac, 16A limitable - Schuko type F socket with protective cap
- mod3 - 3x [380... 415] Vca, 32A - cable with plug type 2 (case C)



CHARGING STATIONS FOR ELECTRICAL VEHICLE

Quick charge station for electric vehicles SIVE DC 50kW/ AC 22kW



SIVE DC 50 KW / AC 22 KW is a power supply for electric vehicles and offers professional charging in the public domain. The equipment is mounted on the ground and connected to the three-phase current network (3P + N) ensuring a maximum charging power of 50kW / h at 32A for a single vehicle. The offered load current limitation can be adjusted in the range of 6... 80A. The connection to the vehicle is made in 2 ways:



1. AC input Line voltage 400 Vac \pm 10%
Frequency (Hz) 45-55
Three-phase network type (L1; L2; L3 + N + PE)
TNS earthing system
Power factor (Module 4) > 0.98
THD current distortion value < 5%
Surge protection Tetrapolar protector
Residual current protection device DDR 30 mA
Panic button type Press / rotate release
2. DC output Output voltage 250-500 V
Maximum current 125 A at 400 V
Maximum power 50 kW
IT grounding system
3. AC output Maximum power 22 kW
4. Charging possibility of charging two vehicles at the same time, one in direct current and the other in alternating current.
DC charging mode Mode 4 (IEC 61851)
AC charging mode Mode 3 (IEC 61851)
Measuring the amount of energy Certified MID type
5. Cables and connectors AC outlet Type 2 (IEC 62196-2)
Locking system with protection
CCS Combined CCS Cable 2 (IEC 62196-3)
Locking system with protection
CHAdeMO cable CHAdeMO certificate
Locking system with protection
6. User Login Off
Local RFID
The remote OCPP
7. Local HMI Administration
The remote OCPP
Signaling for status indication RGB color indicator
8. Man-machine interface English, Romanian, Spanish, German, Other languages on request
7 inch display, touch type
User interface Multiple upload sessions
9. Internal Communications PLC, CAN, RS 485
Exterior 10/100 base, T-Ethernet
3G wireless with OCPP server

ELMotion management software for electric vehicle charging stations

The advantages of the ELMOTION solution

The concept of E-Mobility (electric mobility or electro mobility) refers to the transition from the traditional design of vehicles using fossil fuels and oils, to models with electric and even electronic drives. In this category are included all road vehicles that operate exclusively with an electric motor, but also those that have a combination of electric motor with one with low combustion, the hybrid or those that work on hydrogen. The main purpose of implementing the E-Mobility concept is to produce and use environmentally friendly and more efficient vehicles.

Our stations are compatible with any electric vehicle in Europe with AC charging

They are reliable, efficient and durable. With a modular and robust design, they are shock and vandal resistant, flame retardant and do not fade.

OCPP compatible - protocol that can be communicated with the stations and can be integrated into any computer platform

ELMotion is a registered trademark of OSIM

They are made in Romania

Warranty: 2 years

CHECK THE STATION WITH THE PHONE SMARTPHONE EV users application

INTUITIVE INTERFACE Select the appropriate station from the mobile application.

Each station contains information on the types of sockets installed, so you can always see if your vehicle is supported and how fast the load is.

NAVIGATION TO STATION You can find a suitable station from the list of stations ordered by distance from the current position or you can view the stations directly on the map.

STATION CONTROL Do you want to know what maximum output power the station has or other technical parameters? You can find them in detail in the station through the mobile application.

MANAGEMENT application for station owners

The management application is the software package installed on a server (called Central System within the OCPP) that ensures process from the data retrieval from the stations to the automatic payments.

This will have several components:

Communication component with charging stations;

The station management module for charging station operators (CPO);

Interface for EV users;

This centralized platform aims to allow EV users access to all charging stations managed through the platform, with the possibility of paying at each transaction or on a monthly invoice.

The access to the platform for the operators of the charging stations will be made through the web application, the EV users having the possibility to use both the web application and the mobile phone application.

The management application should be seen as a tool that can be used:

for the charging stations produced by Electromagnetica

for charging stations manufactured by other manufacturers and complying with OCPP v1.6

ELECTRICAL AND ELECTRONIC EQUIPMENT

APLICATION OF SINGLE-PHASE METERS

OUTDOOR



Individual consumers

INDOOR



Grouped consumers
2...24 consumers

CERTIFICATION

Certificat de examinare CE de tip
EC-type examination certificate
NR 2275
ANALIZA ROV275-13182, model 2
Number ROV275-13182, model 2

Măscărea ROMÂNĂ PENTRU CALITATE / ROMANIAN MOVEMENT FOR QUALITY
PFA: S.C. ELECTROMAGNETICA
T: +4031-41642 / F: +4031-340033 / info@em.ro / www.em.ro

În conformitate cu
Directivele 2014/52/CE și 2014/53/CE ale Parlamentului European și ale Consiliului Uniunii Europene din 23 aprilie 2014 privind mijloacele de măsurare, anexa M-003 (Contoare de energie electrică activă), anexa S - Examenarea tipului

emite
EMAGRO S.R.L. Director al Biroului Național al etichetării și al etichetării din 21 March 2014 on measuring instruments, Annex M-003 (Active electrical energy meter), Annex S - Type Examination

Produsorul / Manufacturer:
S.C. ELECTROMAGNETICA S.A.
București, Calea Națională, nr. 295/308, cod poștal 060012, ROMÂNIA

Referințe la Conformitate:
Contoare electrice monofazice de energie electrică activă, tip GSM Exx
Single phase active meters for active electrical energy, GSM Exx type

Caracteristici / Characteristics:
Tensiunea de referință / Reference voltage: 230 V (tensiune divizată / div. connection)
Clasă de măsurare / Measurement class: 2 (contoare divizate / div. connection)
Clasă de măsurare / Measurement class: M1
Clasă de măsurare / Measurement class: E2
Temperatura ambientală / Ambient temperature:
- Interval de funcționare specificat / specified operating range: 0°C... +40°C
- Interval de stocare / storage: -40°C... +70°C

Vizibil publicat / Visible:
05 august 2023
05 August 2023

Declarație de conformitate / Declaration of conformity:
Măsurătorile de măsurare efectuate în Anexa, parte integrantă din prezenta certificată.
The measuring instruments described in Annex, part of this certificate.

Emisă de
20 August 2023

Organism notifiat în UE / Notified Body in the EU:
EMAGRO S.R.L.
Director Executive

KEMA

CERTIFICATE
EC-Type examination certificate 6305-10

Manufacturer: Electromagnetica SA
Model: M1, E2
Address: Calea Națională 295/308 Sector 6
City: Bucharest
Country: Romania

Production site: Electromagnetica SA
Address: Calea Națională 295/308 Sector 6
City: Bucharest
Country: Romania

Instrument: Electronic single phase two-wire energy meter, direct connected

Mark / Type: GSM Exxx
Register: M1, E2
Accuracy Class: 2
Measurement range: 0.01... 1000 A
0.01... 1000 A
0.01... 1000 A

Temperature range: -25... 40 °C
Use: indoor
Protection class: IP20
Preparation method: M1, E2

The energy meter meets the requirements of Directive 2014/52/EC of the European Parliament and of the Council of 23 April 2014 on measuring instruments.

Conformity was based on compliance with the following technical standards:
EN 62053-1 (2006) - Single phase energy equipment (part 1): General requirements, tests and test conditions - Measuring equipment classes (Active A, S and C)
EN 62053-3 (2006) - Single phase energy equipment (part 3): Particular requirements - Basic meters for active energy (class (Active A, B and C))

Valid until: 05 August 2023

The results are recorded in the following annexes: test report 750806006 - TET 6305-10
KEMA T&D Testing Services - Calibration and Measuring
Amstelveen, September 20, 2023

E. J. J. J. J.
Certification manager
Notified Body member ENEC

F. J. J. J. J.
Managing Director

KEMA

CERTIFICATE
TYPE TEST OF ENERGY METERS

Manufacturer: Electromagnetica SA
Model: M1, E2
Address: Calea Națională 295/308 Sector 6
City: Bucharest
Country: Romania

Production site: Electromagnetica SA
Address: Calea Națională 295/308 Sector 6
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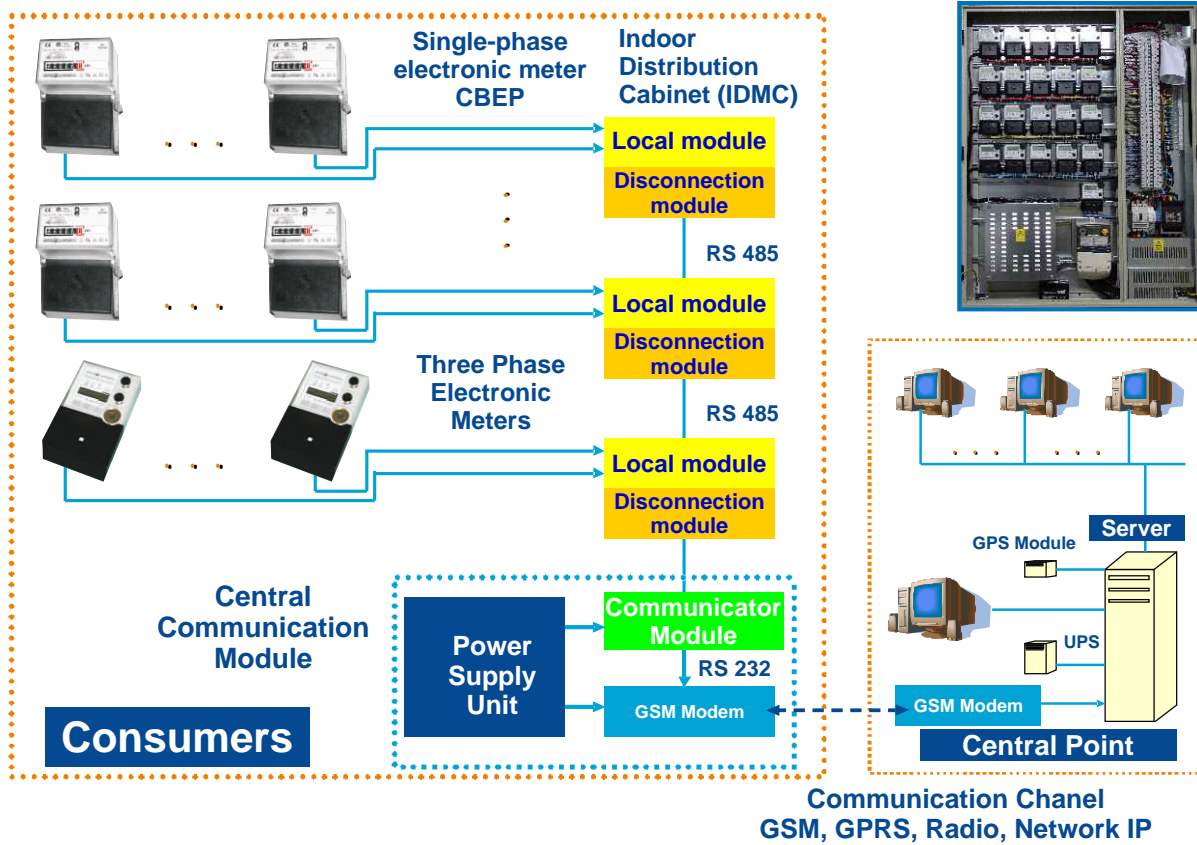
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KEMA T&D Testing Services - Calibration and Measuring
Amstelveen, September 20, 2023

E. J. J. J. J.
Certification manager

F. J. J. J. J.
Managing Director

INTELLIGENT METTER READING MANAGEMENT SYSTEM FOR ELECTRICITY NETWORKS

ENERGSys



EQUIPMENT FOR RAILWAY INFRASTRUCTURE

Relay signaling, centralization, blocking



Services

- Installation, commissioning, technical support and service for their products
- Design, construction, repair and upgrade electricity grids stations and electric transformer voltages of 0.4 - 20 kV
- Supply electricity to eligible customers
- Trading electricity from renewable hydroelectric and thermoelectric
- Collection, processing, and transmission of electricity consumption records
- Provision of energy services
 - Technical advice to reduce energy consumption
 - Efficient use of energy and achieving measurement systems and telemanagement

PLASTIC INJECTION MOULDING

EXPERIENCE

OVER 50 YEARS IN PLASTICS MOULDING

OFFER

- Products / parts by plastic injection moulding
- Pad printing for plastic products / parts
- Plastic parts assembly
- Working in three shifts Packing
- Optimization and repair of plastic injection tools



INJECTION MACHINES CHARACTERISTICS

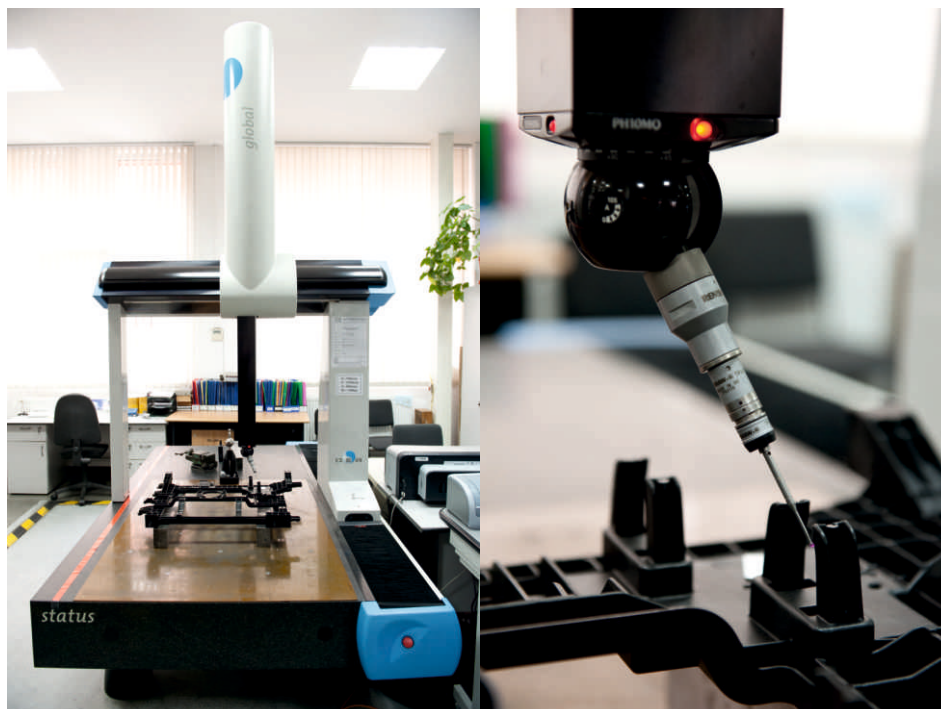
Machine No	Machine Designation	Injection Capacity (g)	Injection Pressure (bar)	Clamping Force (tone)	Platan Size Hor x vert(mm)	Distance Between bars Hor x vert(mm)	Mold height min / max (mm)	Central ring diameter (mm)
1	ENGEL ES200/40	88	2400	40	430x460	305x305	150 / 480	100
2	ENGEL ES80/25	35	2200	25	380x432.5	260x260	150 / 330	100
3	ENGEL ES80/25	35	2200	25	380x432.5	260x260	150 / 330	100
4	ENGEL ES80/25	35	2200	25	380x432.5	260x260	150 / 330	100
5	ENGEL vertical ES80V/25V	35	2200	25	380x432.5	260x260	150 / 330	100
6	ENGEL vertical ES200V/40V	88	2400	40	430x460	305x305	150 / 480	100
7	ENGEL ES700/150	450	1910	145	750x850	510x510	150 / 460	160
8	ENGEL ES650/125	225	2040	120	740x520	No bars	250 / 600	125
9	ENGEL ES330/70	110	2400	70	660x400	No bars	200 / 450	125
10	ENGEL ES500/120	250	2040	120	730x420	No bars	250 / 500	125
11	FEROMATIK K275-S	723	2150	275	970x970	630x630	350 / 1200	160
12	ENGEL ES330/110	150	2400	110	730x420	No bars	250 / 750	125
13	ENGEL ES330/90	110	2400	90	730x420	No bars	250 / 750	125
14	ENGEL ES330/90	110	2400	90	730x420	No bars	250 / 750	125
15	ENGEL ES330/90	110	2400	90	730x420	No bars	250 / 750	125
16	ENGEL ES330/110	150	2400	110	730x420	No bars	250 / 750	125
17	ENGEL DUO 4550/800	2480	2300	800	1550x1520	1170x1000	700 / 1300	250
18	BATTENFELD	450	2500	200	840x902	570x570	250 / 600	160
19	ENGEL ES1350/275	735	1840	275	1050x650/900	No bars	350 / 850	160
20	ENGEL CL 2550 / 500 sl	1550	1640	500	1200x1350	840x840	250 / 750	200
21	ENGEL CL 2550 / 350	1550	1640	350	1090x1185	735x735	250 / 660	160
22	ENGEL ES7050/1000 DUO+robo	4156	2090	1000	2000x1830	1400x1150	600 / 1200	250
23	BATTENFELD HM500/5100S	2741	1690	500	1590x1470	1000x800	450 / 1150	200
24	ENGEL Victory 260	735	1840	260	1050x650/900	No bars	350 / 850	160

DESIGN

ELECTROMAGNETICA has a design center complex, integrating into its structure various fields, such as: design of electrical and electronic products, printed circuit boards (PCBs), tools and dies, mechanical structures and metal structures, networks, stations and electric transformation.

CAPABILITY

- Design of complex products based on a diverse range of technologies used in the manufacturing process;
- Approach to the process specific to the design and development of products based working procedures in accordance with the quality management system;
- Qualified staff: over 50 engineers, technologists and technicians;
- High degree of specialization and experience in the field of technical staff.



SUBCONTRACTING PRODUCTS AND SUBASSEMBLIES ELECTRONIC, PLASTIC AND METAL

Technological features of the company, due to investments made in recent years areas such as automatic planting of electronic components, injection masses plastics, mechanical processing, automatic processing of sheets, allows approach a diversified portfolio as both products and especially, subassemblies such as:

- **Printed circuits boards**
- **Highlights plastics**
- **Sheet metal parts**

Manufacturing technologies include complex operations, parts and products being executed under both semi automatic as well. ELECTROMAGNETICA presents of great flexibility in organization production flows, focused on assembling electronic parts, plastic and metal.

PRODUCT MANAGEMENT

ELECTROMAGNETICA provides in collaboration with its partners:

- assistance from the design stage to mass production products or assemblies
- prototyping realization
- optimizing costs and manufacturing flows

ELECTRICITY PRODUCTION FROM RENEWABLE SOURCES

- Production of electricity provided from renewable energy sources - RES
- Portfolio 10 small hydropower plants - SHPP (Power <10MW)
- SHPP Locations L Suceava river basin
- It was implemented a comprehensive modernization program, refurbishment and extension of production capacity small hydropower plants



ELECTRICITY SUPPLY FOR ELIGIBLE CONSUMERS

- **Collection, processing, and transmission of electricity consumption records;**
- **Provision of energy services**
 - Technical advice to reduce energy consumption
 - Efficient use of energy and achieving measurement systems and telemanagement



TEHNOLOGIES

1. Line for automatic planting electronic components

- SMT Technology **SAMSUNG**

2. Execution and maintenance tools department

- 5 axis machining center **FIDIA DIGIT 218**
- 3+2 axis machining center **FIDIA K199**
- 3 axis machining center **MAZAK VTC 820/20**
MAZAK VTC Nexus 510C-II
- machining processing by EDM
 - with solid electrode **ROBOFORM 30 and ONA NX3**
 - with electrode by wire **ROBOFIL 290 and ONA AF60**
- grinding machines, traced and drilling in coordinated
- CNC milling center **AZK HWT D-442 and HURCO VMX 10HSi**
- spotting presses machine **REIS**
- mass of measured in 3D **DEA**

3. Metalworking at cold

- automatic sheet metal processing line
 - center being machined sheet metal **TRUMATIC 200R**
 - sheet metal bending machine **TRUMABEND V85S, L2500mm**
- line processing by punching, stamping, deep drawing
 - automatic press **SCHALL 40 tF**

- lathes
- universal milling machines, horizontal, vertical
- shapings
- drilling machines
- universal grinding machines, centerless plan

4. Assembly line by welding

- pressure welding plant in points, with microprocessor welding **TECNA 4622 N**

5. Plastic injection molding machines

- horizontal machines **ENGEL, BATTENFELD and FEROMATIK**
- vertical machines **ENGEL**

6. Transports

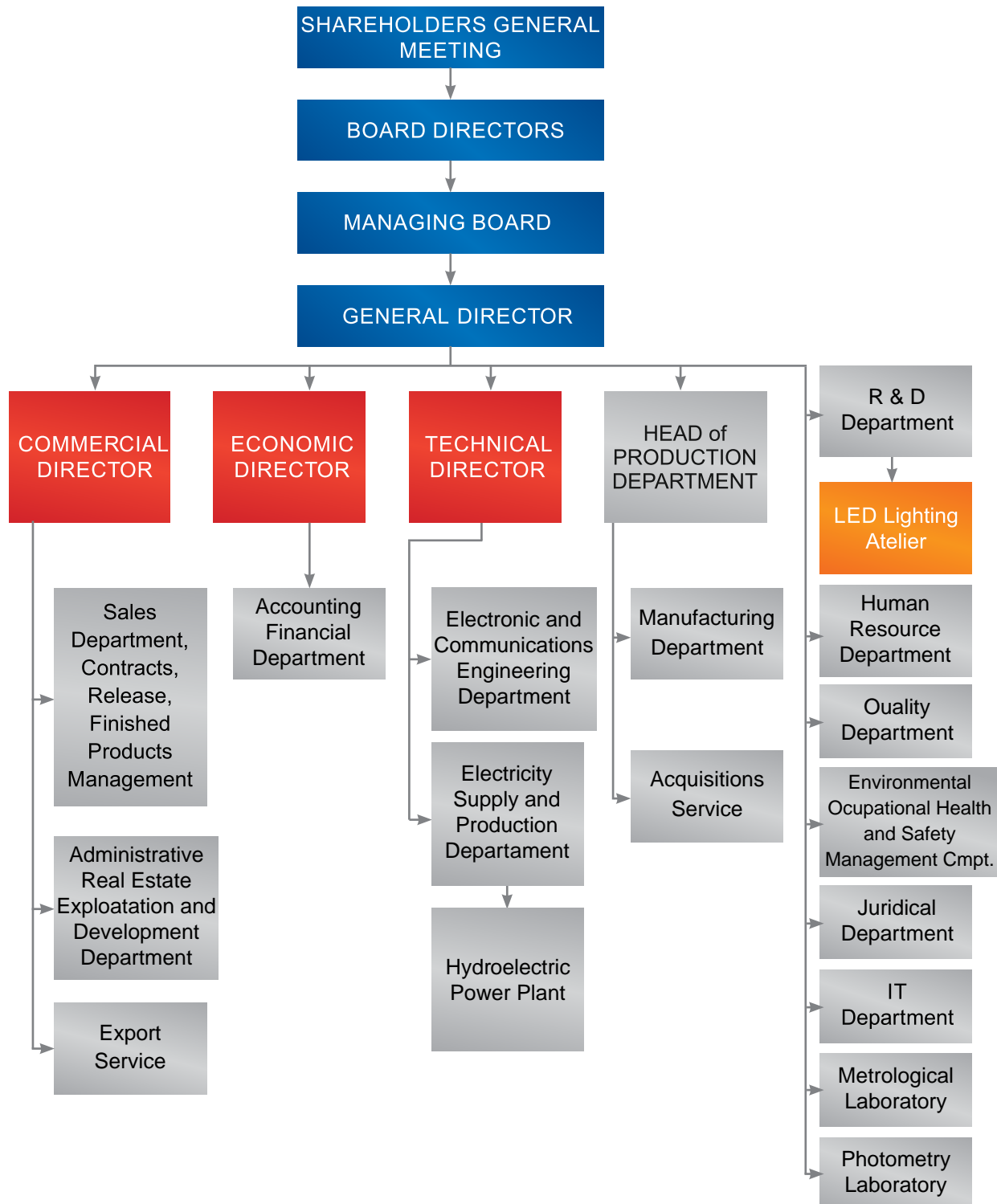
- electroforklifts, motoforklifts
- cars
- electric hoists
- self-propelled aerial platform

7. Laboratory

- metrological laboratory
 - metrological verification of electricity meters
- photometric laboratory, thermal analysis and EMC

Chapter IV

ORGANIZATIONAL STRUCTURE

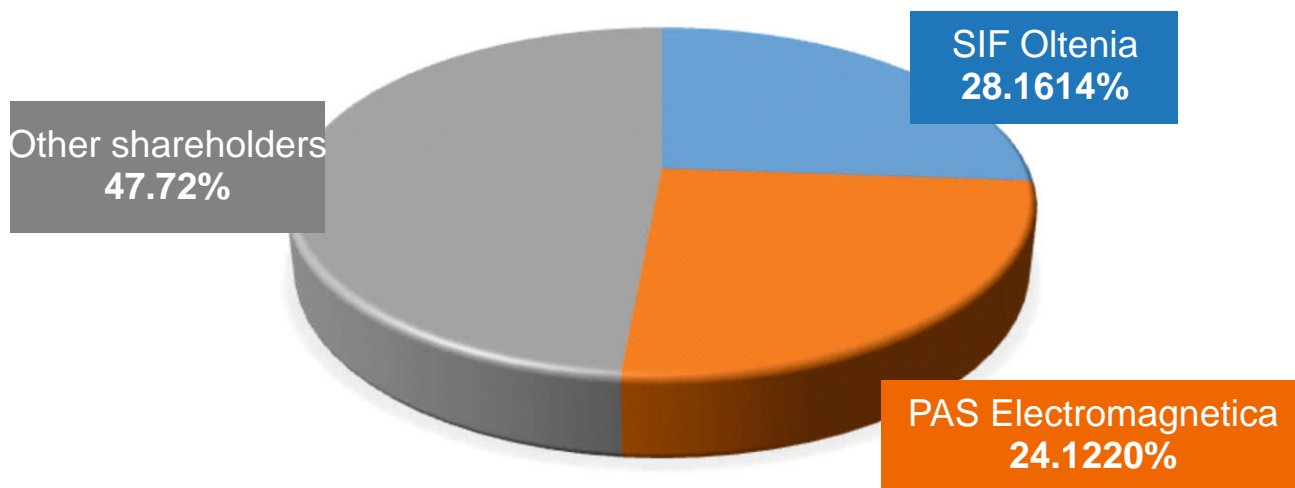


STOCK AND SHAREHOLDER INFORMATION

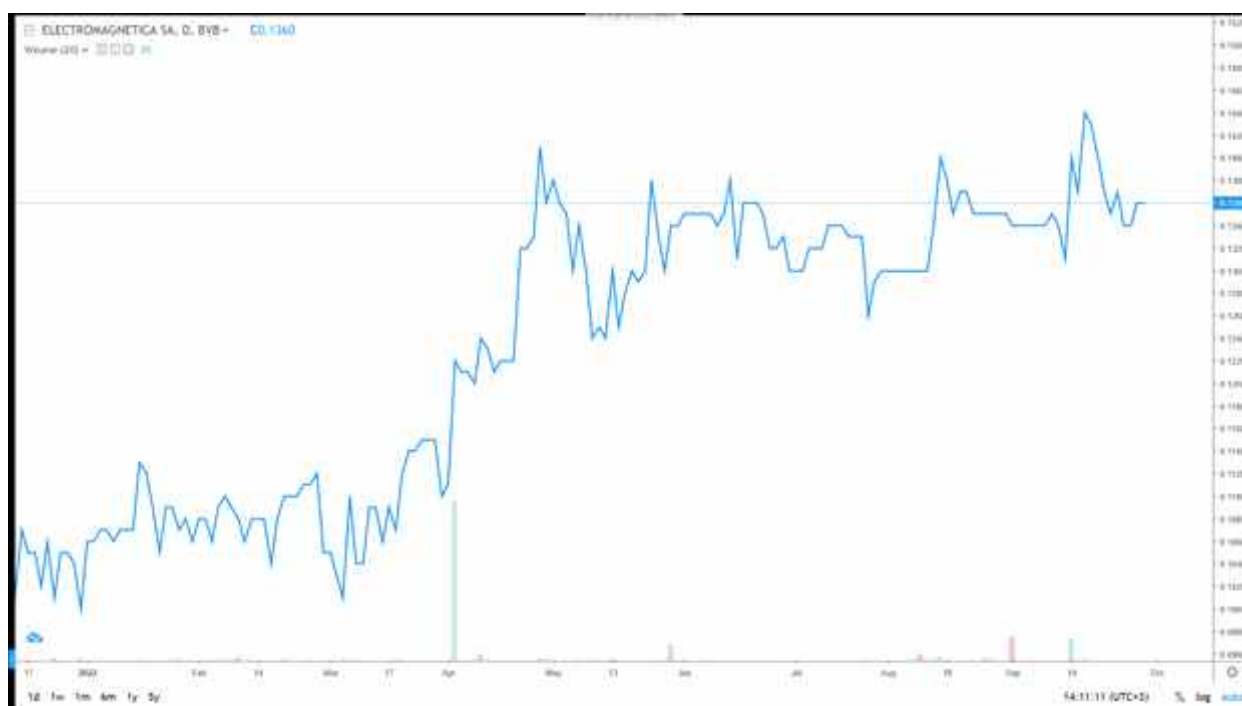
ELECTROMAGNETICA SHARES AND SHARE CAPITAL

Share capital:	67.603.870,40 lei
Number of shares issued:	676.038.704
Nominal value:	0,1000 lei
Common, registered, dematerialised shares	
ISIN Code	ROELMAACNOR2
LEI Code	254900MYW7D8IGEFRG38
Securities market:	Bucharest Stock Exchange
BVB stock symbol:	ELMA
Category:	Premium
ELMA shares are part of the composition of the following indices:	BETPlus, BET-XT, BET-XT-TR, BET-BK
Bloomberg ID:	BBG000CMQBR5
Reuters symbol:	ROELMA.BX

OWNERSHIP STRUCTURE (September 30st, 2022)

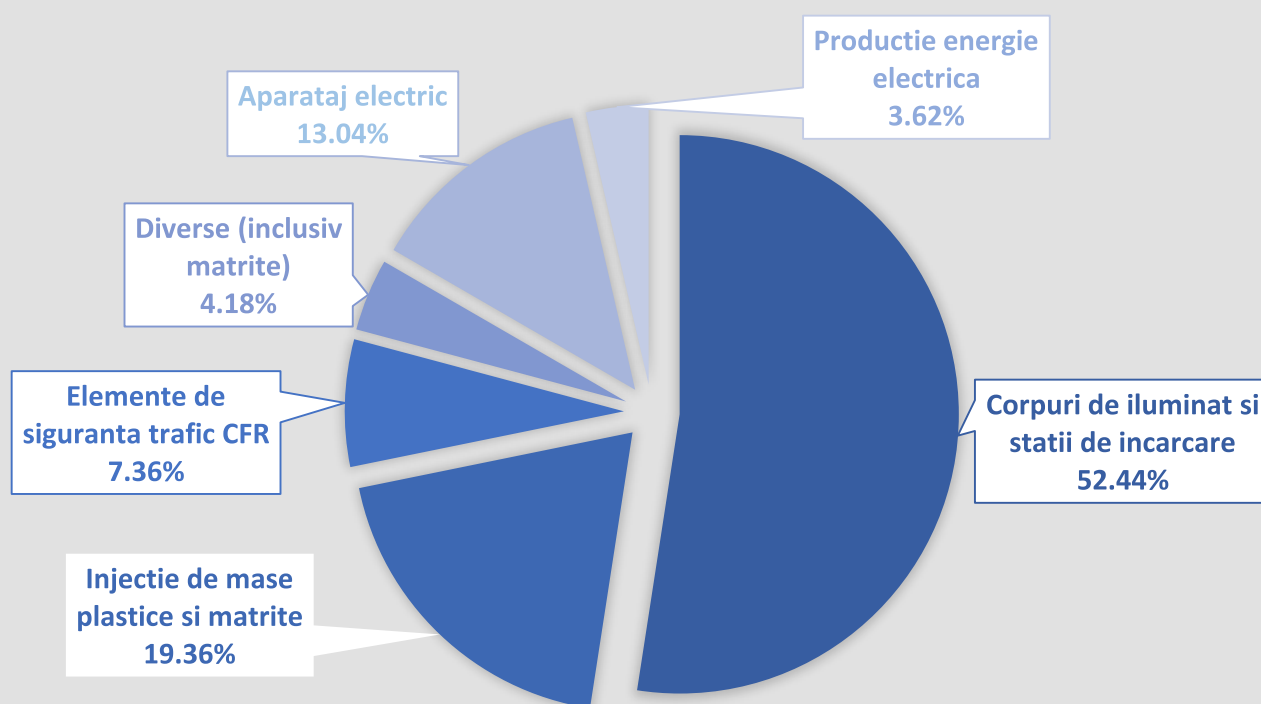


EVOLUTION OF ELMA SHARES IN 2022



SHARE OF MAJOR GROUPS IN TURNOVER FOR 2021

STRUCTURA PRODUCTIEI IN ANUL 2021



Chapter VII

FINANCIAL
STATUS

[Euro]

		2019	2020	2021
1.	Tangible assets	60.731.443	59.905.756	68.031.302
2.	Current assets	24.503.233	22.979.254	21.960.096
2.1	Inventories	3.224.599	2.752.428	3.662.276
2.2	Trade receivables	16.735.880	16.097.270	17.707.090
2.3	Cash and cash equivalents	4.542.754	4.129.556	568.843
3.	Current liabilities	9.443.659	9.021.084	10.998.366
4.	Non-current liabilities	4.043.762	3.946.461	5.224.281
5.	Equity attributable to company shareholders	70.220.216	68.842.970	72.619.581
6.	Revenue	58.511.017	62.510.706	71.756.237
7.	Turnover	53.984.897	58.537.497	68.863.987
8.	Profit before tax	1.049.735	451.925	- 3.399.275
9.	Net profit	945.943	480.515	- 3.256.496

FOREIGN MARKET



Germany

France

Italy

Netherlands

Austria

Switzerland

United Kingdom

Greece

Bulgaria

Turkey

Ukraine

E.A.U.

Morocco

LICENSE AND CERTIFICATION

CERTIFICATION OF QUALITY MANAGEMENT SYSTEM AND ENVIRONMENT

AEROQ - ISO 9001 : 2015

“Design, development, manufacturing, marketing and service”
of telecommunication terminals and equipment, automotive subassemblies and relays, automation elements and equipment; power supply units, equipment intended for electric power distribution and measurement, metal structures and containers, injection moulds and plastic deformation tools; LED luminaires.

“Instalation, commissioning, technical assistance and service for own products”.

“Electric energy production and supply”.

AEROQ – ISO 14001 : 2015

AEROQ – OHSAS 18001 : 2008

INTERTEK– IATF 16949 : 2016

«Design, development, production and service» for products electrical and electronic parts plastic parts, including tool design and production of plastic for automotive industry.

AEROQ
Organism Acreditat pentru Certificarea Sistemelor de Management – SR EN ISO/CEI 17021-1
Membri Asociat la Organizația Europeană pentru Calitate - EOQ

CERTIFICAT
nr.: 005

Se certifică Sistemul de Management al Calității al
ELECTROMAGNETICA S.A.
România, București, Sector 5, Calea Rahovei, nr. 266-268
Care este conform cu:
SR EN ISO 9001:2015, EN ISO 9001:2015

Domeniu: Produce: Proiectare, dezvoltare, producție, comercializare și servicii pentru: corpuri de iluminat cu LED-uri, inclusiv pentru iluminat strădal; contoare de energie electrică; piese și subansamble realizate prin injecție de mase plastice; piese și subansamble realizate prin ștanțare; deformare plastică la rece; prelucrări mecanice; alte produse destinate instalațiilor tehnologice de distribuție și măsurare a energiei electrice; subansamble auto; scule de injecție mase plastice și de deformare plastică la rece; rețea CFR; elemente și echipamente de automatizare; instalații de electroalimentare; containere și confecții metalice; terminale și echipamente de telecomunicații din domeniul producției speciale.
Servicii: Comercializare de energie electrică. Montaj, punere în funcțiune, asistență tehnică și servicii pentru corpuri cu LED-uri pentru iluminat strădal, precum și pentru celelalte produse proprii. Proiectare de linii electrice, aeriene sau subterane, cu tensiuni nominale de 0,4-20 kV, posturi de transformare cu tensiunea nominală superioară de cel mult 20 kV, stații de medie tensiune, precum și partea electrică de medie tensiune a stațiilor de înaltă tensiune. Executare de linii electrice, aeriene sau subterane, cu tensiuni nominale de 0,4-20 kV, posturi de transformare cu tensiunea nominală superioară de cel mult 20 kV, stații de medie tensiune, precum și partea electrică de medie tensiune a stațiilor de înaltă tensiune.

Puncte de lucru (microhidrocentrale): Gălănești-Bilca 1, Gălănești-Bilca 2, Gălănești-Bilca 3 (com. Bilca, jud. Suceava), Tîbeni (com. Satu Mare, jud. Suceava), Eherest (com. Brodina, jud. Suceava), Sadău (sat Sadău, com. Brodina, jud. Suceava), Brodina 1, Brodina 2 (com. Brodina, jud. Suceava), Brodina de Jos (sat Brodina de Jos, com. Brodina, jud. Suceava), Putna (com. Putna, jud. Suceava)

Domeniu: Producție de energie electrică
Prevederi suplimentare privind aplicabilitatea cerințelor ISO 9001:2015 și domeniul conținut în acest certificat se pot obține prin consultarea organizației.
Referințe: Certificat de acreditare RENAR nr. SM 003/30.01.2017
Raport audit nr. 2950/27.08.2018

Data recertificării:	Data expirării:	Data certificării inițiale:
31.08.2018	30.08.2021	04.11.1996

Valabilitatea certificatului este condiționată de efectuarea auditurilor de supraveghere anuale, confirmată prin raportul de audit și de reevaluarea completă a SM odată cu recertificarea aceluia înainte de expirarea perioadei de valabilitate (3 ani). Acest certificat poate fi suspendat sau retras, dacă prin auditurile de supraveghere se constată că nu se mențin condițiile în baza cărora a fost emis.

Director General,
Ing. Constantin AVRAM

F-103R-96 / Ed. 11 AEROQ S.A. – Strada Feleacu, nr. 14 B, Sector 1, București, România

AEROQ
Organism Acreditat pentru Certificarea Sistemelor de Management – SR EN ISO/CEI 17021
Membri Asociat la Organizația Europeană pentru Calitate - EOQ

CERTIFICAT
nr.: 039 M

Se certifică Sistemul de Management de Mediu al
ELECTROMAGNETICA S.A.
România, București, Sector 5, Calea Rahovei, nr. 266-268
Care este conform cu:
SR EN ISO 14001:2015, EN ISO 14001:2015

Domeniu: Produce: Proiectare, dezvoltare, producție, comercializare și servicii pentru: corpuri de iluminat cu LED-uri, inclusiv pentru iluminat strădal; contoare de energie electrică; piese și subansamble realizate prin injecție de mase plastice; piese și subansamble realizate prin ștanțare; deformare plastică la rece; prelucrări mecanice; alte produse destinate instalațiilor tehnologice de distribuție și măsurare a energiei electrice; subansamble auto; scule de injecție mase plastice și de deformare plastică la rece; rețea CFR; elemente și echipamente de automatizare; instalații de electroalimentare; containere și confecții metalice; terminale și echipamente de telecomunicații din domeniul producției speciale.
Servicii: Comercializare de energie electrică. Montaj, punere în funcțiune, asistență tehnică și servicii pentru corpuri cu LED-uri pentru iluminat strădal, precum și pentru celelalte produse proprii. Proiectare de linii electrice, aeriene sau subterane, cu tensiuni nominale de 0,4-20 kV, posturi de transformare cu tensiunea nominală superioară de cel mult 20 kV, stații de medie tensiune, precum și partea electrică de medie tensiune a stațiilor de înaltă tensiune. Executare de linii electrice, aeriene sau subterane, cu tensiuni nominale de 0,4-20 kV, posturi de transformare cu tensiunea nominală superioară de cel mult 20 kV, stații de medie tensiune, precum și partea electrică de medie tensiune a stațiilor de înaltă tensiune.

Puncte de lucru (microhidrocentrale): Gălănești-Bilca 1, Gălănești-Bilca 2, Gălănești-Bilca 3 (com. Bilca, jud. Suceava), Tîbeni (com. Satu Mare, jud. Suceava), Eherest (com. Brodina, jud. Suceava), Sadău (sat Sadău, com. Brodina, jud. Suceava), Brodina 1, Brodina 2 (com. Brodina, jud. Suceava), Brodina de Jos (sat Brodina de Jos, com. Brodina, jud. Suceava), Putna (com. Putna, jud. Suceava)

Domeniu: Producție de energie electrică
Referințe: Certificat de acreditare RENAR nr. SM 003/30.01.2017
Raport audit nr. 2950/27.08.2018

Data recertificării:	Data expirării:	Data certificării inițiale:
31.08.2018	30.08.2021	18.05.2004

Valabilitatea certificatului este condiționată de efectuarea auditurilor de supraveghere anuale, confirmată prin raportul de audit și de reevaluarea completă a SM odată cu recertificarea aceluia înainte de expirarea perioadei de valabilitate (3 ani). Acest certificat poate fi suspendat sau retras, dacă prin auditurile de supraveghere se constată că nu se mențin condițiile în baza cărora a fost emis.

Director General,
Ing. Constantin AVRAM

F-106R-2000 / Ed. 6 AEROQ S.A. – Strada Feleacu, nr. 14 B, Sector 1, București, România

AEROQ
Organism Acreditat pentru Certificarea Sistemelor de Management – SR EN ISO/CEI 17021-1
Membri Asociat la Organizația Europeană pentru Calitate - EOQ

CERTIFICAT
nr.: 017 S

Se certifică Sistemul de Management al Sănătății și Securității Ocupaționale al
ELECTROMAGNETICA S.A.
România, București, Sector 5, Calea Rahovei, nr. 266-268
Care este conform cu:
SR OHSAS 18001:2008 / BS OHSAS 18001:2007

Domeniu: Produce: Proiectare, dezvoltare, producție, comercializare și servicii pentru: corpuri de iluminat cu LED-uri, inclusiv pentru iluminat strădal; contoare de energie electrică; piese și subansamble realizate prin injecție de mase plastice; piese și subansamble realizate prin ștanțare; deformare plastică la rece; prelucrări mecanice; alte produse destinate instalațiilor tehnologice de distribuție și măsurare a energiei electrice; subansamble auto; scule de injecție mase plastice și de deformare plastică la rece; rețea CFR; elemente și echipamente de automatizare; instalații de electroalimentare; containere și confecții metalice; terminale și echipamente de telecomunicații din domeniul producției speciale.
Servicii: Comercializare de energie electrică. Montaj, punere în funcțiune, asistență tehnică și servicii pentru corpuri cu LED-uri pentru iluminat strădal, precum și pentru celelalte produse proprii. Proiectare de linii electrice, aeriene sau subterane, cu tensiuni nominale de 0,4-20 kV, posturi de transformare cu tensiunea nominală superioară de cel mult 20 kV, stații de medie tensiune, precum și partea electrică de medie tensiune a stațiilor de înaltă tensiune. Executare de linii electrice, aeriene sau subterane, cu tensiuni nominale de 0,4-20 kV, posturi de transformare cu tensiunea nominală superioară de cel mult 20 kV, stații de medie tensiune, precum și partea electrică de medie tensiune a stațiilor de înaltă tensiune.

Puncte de lucru (microhidrocentrale): Gălănești-Bilca 1, Gălănești-Bilca 2, Gălănești-Bilca 3 (com. Bilca, jud. Suceava), Tîbeni (com. Satu Mare, jud. Suceava), Eherest (com. Brodina, jud. Suceava), Sadău (sat Sadău, com. Brodina, jud. Suceava), Brodina 1, Brodina 2 (com. Brodina, jud. Suceava), Brodina de Jos (sat Brodina de Jos, com. Brodina, jud. Suceava), Putna (com. Putna, jud. Suceava)

Domeniu: Producție de energie electrică
Referințe: Certificat de acreditare RENAR nr. SM 003/30.01.2017
Raport audit nr. 2950/27.08.2018

Data recertificării:	Data expirării:	Data certificării inițiale:
31.08.2018	31.03.2021	14.06.2005

Valabilitatea certificatului este condiționată de efectuarea auditurilor de supraveghere anuale, confirmată prin raportul de audit și de reevaluarea completă a SM odată cu recertificarea aceluia înainte de expirarea perioadei de valabilitate. Acest certificat poate fi suspendat sau retras, dacă prin auditurile de supraveghere se constată că nu se mențin condițiile în baza cărora a fost emis.

Director General,
Ing. Constantin AVRAM

F-109R-03 / Ed. 3 AEROQ S.A. – Strada Feleacu, nr. 14 B, Sector 1, București, România

intertek
Total Quality Assured

CERTIFICATE OF REGISTRATION

This is to certify that the management system of:

ELECTROMAGNETICA SA
Calea Rahovei 266-268, building 4, 050912, Bucharest, Romania

has been registered by Intertek as conforming to the requirements of:

IATF 16949:2016

The management system is applicable to:

Manufacturing of Plastic Injection Parts and Sub-Assemblies
Permissible exclusions include: Product Design

IATF Certificate Number:
0346424
Certificate Number:
2018-0171
Certificate Issue Date:
18 December 2018
Certificate Expiry Date:
17 December 2021

Calin Moldovean
President, Business Assurance
Intertek - 4700 Broadmoor, Suite 200,
Kentwood MI 49512, USA

F-109R-03 / Ed. 3 AEROQ S.A. – Strada Feleacu, nr. 14 B, Sector 1, București, România

ELECTRIC POWER SUPPLY LICENSE

 **AUTORITATEA NAȚIONALĂ DE
REGLEMENTARE ÎN DOMENIUL ENERGIEI** 

Nr. 1293 din 12.07.2013

Se acordă, în conformitate cu prevederile
Legii energiei electrice și a gazelor naturale nr. 123/2012,

LICENȚA
pentru furnizarea de energie electrică

SOCIETĂȚII COMERCIALE ELECTROMAGNETICA S.A.

cu sediul social în... București, Sector 5, Calea Rahovei,
Nr. 266-268

reprezentate de SCHEUȘAN EUGEN, director general

pe baza cererii înregistrate de ANRE cu numărul 29024

din 10.06.2013...și a documentației prezentate.

Prezenta licență este valabilă conform condițiilor asociate.

PREȘEDINTE,
NICULAE HAVRILET

Data eliberării: 12.07.2013



LICENSE FOR ELECTRIC POWER PRODUCTION

 Nr. 769 din 22.01.2007

AUTORITATEA NAȚIONALĂ de REGLEMENTARE în domeniul ENERGIEI

Se acordă, în conformitate cu prevederile Legii energiei electrice nr. 318/2003,

LICENȚA

pentru producerea de energie electrică

Societății Comerciale ELECTROMAGNETICA S.A.

cu sediul social în... București, sector 5, str. Calea Rahovei, nr. 266-268

reprezentate de Eugen Scheușan, Director general

pe baza cererii înregistrate de ANRE cu numărul..... 237..... din 9.01.2007

și a documentației prezentate.

Prezenta licență este valabilă conform condițiilor asociate.

Seria: L Nr. 1939 Data eliberării: 22.01.2007

PREȘEDINTE,
01



ELECTROMAGNETICA

266 - 268 Calea Rahovei, Bucharest - ROMANIA
Tel.: 0040 21 404 21 46; Fax: 0040 21 404 21 48
<http://www.electromagnetica.ro>