



55 years **sam^ol 90**

CORPORATE OVERVIEW 2021

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OUR MISSION

To support our customers by providing superior products and services of exceptional value which help them gain competitive advantage in their markets. To maintain high level of integrity in interactions with business partners and associates. To provide a pleasant, nurturing and growth oriented environment which encourages our employees to be highly productive and to grow personally and professionally.

OUR TEAM

“SAMEL-90” PLC team consists of highly qualified managers, consultants, designers and pre-sale engineers. Total employees in the company are 400.

THE COMPANY

SAMEL-90 was established in 1964 as a producer of military electronic equipment in order to satisfy the needs of the Bulgarian armed forces for electronic and communication equipment and is a 100% private company. It is situated at 60 km to the Southeast of the Capital of the Republic of Bulgaria, Sofia and hence it has got the advantage of easy reach. After 1990 the traditional range of special purpose products have expanded to the consumer electronics in telecommunications applications, specialized electronics for LED lighting industry, spare parts, TV network components, cash flow devices with fiscal memory etc.

QUALITY AND BUSINESS CERTIFICATES

SAMEL-90's products have high quality and reliability, guaranteed by the Quality Management and Assurance System ISO 9001, ISO 14001, BS OHSAS 18001.

Since July 2004 SAMEL-90 has been certified according to the NATO AQAP 2110 requirements by the Bulgarian Ministry of Defense and has got certificate CK No. 035/2011.

SAMEL-90 is a member in different NATO organizations as NAMSA, NC3A etc., which is certified by the following company registrations:

- NAMSA code: 40000499994
- CAGE code: 0002U
- D-U-N-S number: 628154379
- CCR number: AYZ87B
- TPIN number: 75863891

Totally 26 from the products of Samel-90 are certified according to NATO codification system – NATO Stock Number (NSN).

SAMEL-90 is a member of the USA organization TRACE, which is an evidence for our company reputation on the international defense market.

SAMEL-90 regularly participates in all biggest defense exhibitions as:

- IDEX – Abu Dhabi
- EUROSATORY – Paris
- DSEi – London
- IDEF – New Delhi
- DSA - Malaysia
- Kuwait
- DsS - Thailand

- Indonesia
- Kazakhstan
- Turkey
- Egypt

OVERSEAS BUSINESS ACTIVITIES

SAMEL-90 PLC supports business contacts with partners from over 35 countries all over the world. Over the years SAMEL-90 has set up business relationships as a permanent sub-contractor and partner with companies from the USA, UK, Germany, Belgium, France, China, Thailand, Ethiopia, Pakistan, Egypt and other countries from all over the world. In the field of military communications equipment, "Samel-90" is co-operating well with BAE Systems - UK, Thales - France and ITT Industries - USA.

MARKETING SEGMENT

- Special purpose products: 40-50%
- Industrial & Consumer products: 50-60%
- General: Export - 75%
- Domestic Market - 25%

TECHNOLOGICAL CAPABILITIES

SAMEL-90 has got a significant experience as a sub-contractor for a number of companies in the following activities and services:

- Electronic products assembly and testing, including SMD assembly line
- Machining and metal pressing;
- Production of precise mechanical parts;
- Aluminum casting
- Plastic and rubber parts production
- Design and manufacture of tools
- Design and manufacture of ferrite and Piezo-ceramic parts
- Galvanic coating and lacquering.
- Production of Armored vehicles
- Special ceramic for protection of vehicles

DEPRATMENTS, EQUIPMENT AND RANGE OF PRODUCTS

I. SPECIAL PURPOSE PRODUCTS DEPARTMENT

- ✓ Anti Drone / Cell Phone Jammer solutions
- ✓ Mobile, portable, manpack and stationary jammers against Remote Controlled Improvised Explosive Devices (RCIED) - NATO Stock Number (NSN): 5865-50-001-1872, 5865-50-001-1873

- ✓ HV/VHF artillery radio jammers delivered into the enemy area by means of artillery rounds 122mm, 130 mm, 152mm and 155 mm caliber - NATO Stock Number (NSN):1320-50-000-0944, 1315-50-000-4575, 5865-50-000-1121
- ✓ Systems for surveillance and guarding of the border areas – NATO Stock Number (NSN): 5820-50-000-4671
- ✓ Ground radars
- ✓ Navigation and sea radars
- ✓ Mobile communication shelters and mobile command post - NATO Stock Number (NSN):2355-50-000-4576, 2355-50-000-4576
- ✓ Intercom communication system - NATO Stock Number (NSN): 5805-50-000-3642
- ✓ Field telephone sets and field telephone switches - NATO Stock Number (NSN):5805-50-000-5560, 5805-50-000-4160
- ✓ VHF radios - NATO Stock Number (NSN): 5820-50-000-8948
- ✓ Launchers for anti-aircraft missile complexes: Strela-2M, Strela-3 and Igla-1.
- ✓ Information protection equipment.
- ✓ Integrated communication and information networks.
- ✓ Armored cars.
- ✓ Other electronic special purpose equipment.

II. ASSEMBLY DEPARTMENT - CIVIL PRODUCTION

✓ Assemblage of ready assemblies and products

"Samel-90" has more than 50 years' experience in the development, producing, tests and the service of ready electronic products and assemblies for them. We have excellent trained and high qualified specialists, which are able to cope with all challenges of the modern electronic equipment.

✓ Development and producing of wide range of Lighting Solutions with LEDs

In connection with the policy of our company for improving of energy effectiveness, in the Assemblage Department was developed and introduced in the production at various range of lighting fixtures with powerful LEDs, which enjoy good acceptance in Bulgaria and abroad. High quality light emitted diodes, produced by one of the most celebrated producers all over the world are used in the development. Light-technical parameters and characteristics of the products are as good as those produced by the best producers in the world.

✓ Automatic assembly of printed circuit boards (PCB)

The company has a potential for an automatic SMD assembly on printed circuit boards (PCB) and for conventional assembly (manual or by soldering wave).

The SMD line works by "lead free" technology according to the EU requirements. The line is complete with stencil printer IV AS TECH with maximum size of printing 300x280 mm. The machine for automatic assembly is type ESSEMTEC CLM9000 and produces 3000 elements per hour. The Reflow oven is "Heller" model 1707EXL produced by the world company which is guarantee for high quality.

For producing of samples for testing and small serial production the department has a half-automat type DIMA FT600 for SMD assemblage with productiveness 800 el/h.

For automatic assemble of conventional elements we use solder wave type ERSa with width of the channel 1350 mm and maximum size of the plate 480 x 350 mm.

We assemble by hand the elements with soldering iron type ERSA Analog/Digital 60A with set of tips, appropriate for the particular components and the size of the particular platform and for working an non-lead or lead technology.

There are special premises with different measuring equipment for measuring of printing plates and ready products. Samel 90 repairs printing plates with specialized stations type ERSA 2000.

✓ Production of cables and cable harness.

Assembling Department has great experience in producing wide range of cables and cable harnesses intended for different products. Since 2001 Assembly Department produced cables and cable harness for jammers and jamming systems and cables for radars for the UK company Northrop Grumman Sperry Marine.

✓ Cash flow machine with fiscal memory.

✓ Components and amplifiers for cable TV networks

✓ Consumer electronics, including security systems, power supply and charging devices, etc.

✓ Range of multifunctional running message displays, exchange rates displays, as well as monochrome, multicolor and full color LED screens for indoor and outdoor use in banks, stadiums, offices and other appropriate places.

✓ SMB, SMA, Canon connectors etc.

✓ Coil (Winding) Department

The Department has reach and different technological capabilities for producing of coils transformers with traditional "Ш" form lamellas (size up to "Ш" form 46) and ferrite cores - „E" forms toroid etc. The coil machines are type RUFF (for toroid ferrites) and MIKAFIL.

III. MACHINING OF PARTS

Lathe automatic machines

- ✓ Multiple spindle rods automatic machines: "Gildemeister" materials with diameters up to 32mm.
- ✓ Single spindle rod automatic machine "Peterman" etc.; materials from \varnothing 2 mm to \varnothing 10 mm with maximum length of 65 mm internal and external threads; accuracy up to $\pm 0,05$ mm;
- ✓ Single spindle machine with CNC - „DMG" – CLX 350 with direct measuring system in standard (X- or X-/Y-axis) Max. turning diameter 320 mm; Max. work piece length with a tailstock (can be machined) 580 mm; Max. chuck size 250 mm; Max spindle motor speed 5,000 rpm; Drive power rating (100% DC) 11 kW (AC); Max. bar capacity diameter 65 mm;
- ✓ Lathes with CNC: "Weiler", ST161 for rotary parts with millimeter, inch and special threads; accuracy = 0,02 mm; \varnothing max = 36 mm for bar-shaped materials; \varnothing max = 150 mm for workpieces;
- ✓ Automatic lathes with coupling control ATD-45: \varnothing max = 40 mm; accuracy on diameter = 0,07 mm; accuracy on length = 0,12 mm;

Milling machines

- ✓ 5 – axes CNC center DMG DMU 60 eVo Linear with dimensions of treatment part max: X600 x Y500 x Z550 mm, maximum speed of spindle 14000 rpm, cutting speed up to

80 000mm/m, positioning accuracy P=0,008 mm, high pressure cooling trough spindle center max 40 bar, software system “DMG Process chain” providing the production process.

- ✓ CNC centers “Steinel”: instrumental shops for 60 tools; accuracy up to 0,02mm; possibility for work on 3 axes; maximum dimensions of the treated parts: 400 x 300 x 320 mm;
- ✓ Horizontal CNC center M-500 Rais – 3+1 axes positioning at X800 Y500 Z510 B 0-360°. Internal cooling system of Spindle - max spindle speed up to 8000 rpm.
- ✓ Vertical CNC center – Robodrill-T2liF „Fanuc” 3+1 axis motion at X750 Y400 Z330 B 0-360°. High speed feed rate up to 54 m/min and cutting rate up to 30 m/min; Max spindle speed up to 10000 rpm.

Twin Spindle Turning Centers:

- ✓ Twin spindle lathe „Gildemeister” TWIN42 with two identical spindles –max speed up to 7000 rpm; radial turrets with 12 positions of tool holders (as well as passive and active), Y axis of upper turret; high pressure cooling trough tool center max 20 bar; maximum diameter of rod material $\varnothing 42$ mm; maximum diameter of material for workpieces $\varnothing 140$ mm; positioning accuracy P=0,003 mm; bar feeder IEMCA BOSS 454-3M;
- ✓ BNE 51E „Miyano” – two spindles, one turret with 12 and one with 10 nests for tool holders; possibility for radial treatment on axis x and z; bar feeding device with maximum diameter $\varnothing 42$, length of rod material 3 m; possibility for thread cutting on x and z; M8 – ferrous metals, M6 – steel, milling operations on axis x and z;
- ✓ BNE 34S – Miyano, two spindles, one turret with 8 nests for tool holders; possibility for work on axis x and z; maximum diameter of bar feeding device $\varnothing 34$ mm, rod length 3 m; milling operations on axis x and z
- ✓ Swiss type lathe Maier ML18D– two spindle, maximum dimension of treatment part $\varnothing 18$ mm; knife holders by four of three separate channels; possibility for treatment on axis Y, milling and drilling operation; 3m bar feeding device; maximum speed of spindle 6000 rpm; treatment accuracy to 0,03 mm
- ✓ Integrated new high productivity technologies associated with software products of Siemens PLM Software;
- ✓ Turning center DOOSAN – Large bar capacity; Milling, drilling and tapping capabilities; High speed spindle; Full contouring c-axis; Heavy duty 12 stations turret that accept rotating tools holders and 24 position indexing; One-piece Mechanize cast iron slant bed; Rigid tapping (main spindle and rotary tools); Metered piston distributor lubrication; Way lube separation system; Electric torque limiters;

Machines for cutting of cam-gear

- ✓ “Micron” - Gears with right and slope cam-gear with module from 0,5 mm to 2 mm; maximum diameter = 120 mm and ring width up to 110 mm;

CNC Sheet-treat machine

- ✓ TRUMATIC 2000R „Trumpf”. The thickness of the material is from 0,5 to 4 mm and the dimensions are up to 1,25 m x 2,5 m;

Bending sheet-treat machine with CNC

- ✓ SAFAN - The thickness of the treated material is up to 3 mm. Maximum dimension of bending 550 mm and length 3000 mm.

Integrated software solutions

- ✓ Siemens PLM Software „Solid edge” and “NX” for designing, producing and engineering. This is an integrated high level CAD/CAM system with Windows interface and object-orientated and distributed data base. It includes big number of modules for 3D solid and 3D SURFACE designing, parametric geometry, adaptive modeling, drafting, machining and specialized applications. It maintains all kind machining from 2.5 to 5 controlled axes and also the necessary for them postprocessors.
- ✓ ROMER Absolute Arm with integrated scanner - Portable measuring arm with fully-certified and integrated RS4 laser scanner designed for faster-than-ever 3D data capture across a range of surfaces and applications. The fully-certified and integrated RS4 laser scanner is designed to capture 3D point data across a range of surface types. It requires no calibrations, warm-up time or additional cables and controllers. It is totally integrated. With a ultra-wide laser stripe of up to 150 mm, the RS4 can capture 752,000 points per second, reducing the number of passes required to fully scan a part and minimising overall measurement time.

IV. TECHNOLOGICAL PROCESS DIECASTING

- ✓ Used materials: aluminum alloys /AlSi12 (Cu), AlSi9 (Cu), DIN 1725 and zinc alloy ZAM4-1, BDS 9802.
- ✓ Machines for die-casting with cold chamber, horizontal type: MB160t – 1 pc; MB250t - 3pcs. “Polak 250 t” – 1 pc; MB400t - 1pc; “Polak 250 t” – vertical - 1pc.
- ✓ Produced castings are with weight from 0.010 kg to 1.5 kg and with maximum dimensions 200x200 mm;

We produce castings for civil and special production;

- ✓ Heating radiators;
- ✓ Lighting fixtures;
- ✓ Parts for SAT TV - systems.

V. COLD PRESSING OF METALS

Cold-pressure treatment

This workshop has the following machines:

- ✓ Excenter presses form 25t to 160 t for treatment of metals and non-metals;
- ✓ Guillotine knives and RITZ machine for cutting sheet materials with thickness up to 6 mm;
- ✓ Vibration barrel - for cycle in a rattle barrel of castings, mechanical and pressed parts;
- ✓ Sandblasting Chambers.

Technological processes

We offer high quality products and services, products manufactured according to sample, or a drawing submitted by the customer.

- ✓ Punching of parts;
- ✓ Bending;
- ✓ Drilling;
- ✓ Extending.

We treat parts from different materials like: Stainless steel, black sheet iron, copper, bronze, aluminum, brass, rubber, press board. Maximum admissible dimensions of the parts: 300 x 300 mm and thickness of the material up to 8 mm.

Products:

- ✓ Parts for products for special purpose.
- ✓ Parts for products for civil purpose.
- ✓ Parts for lighting fixtures.
- ✓ Parts for heavy and light industry.

VI. LASER CUTTING

Cutting of materials using laser ray is one of the quickest developing technologies.

Advantages of the laser cutting:

- ✓ Does not require tooling equipment
- ✓ High speed performance of the cutting, which does not allow the material to change its structure.

Laser cutting section has a powerful hydrocarbon laser machine type "Hebar-1A4" with working table 1200 x 1800 mm. The laser machine has modern technological equipment, which gives a possibility for cutting off parts with complex compound outline. We are able to treat: stainless steel, black iron sheet, rubber, cork, Plexiglas, MDF.

Laser cutting machine Durma – The laser cutting machine has modern technological equipment, which gives a possibility for cutting off parts with complex compound outline. The machine manufacturer is DURMAZLA – Turkey, 2017.

Application of the parts manufactured with laser cutting:

- ✓ Special purpose products;
- ✓ Manufacturing of civil products – lighting fixtures, a large range of mechanical parts – disks, seals, housings etc.
- ✓ Advertising products - boards, ornaments
- ✓ Building – different type of plates etc.

- ✓ Wood-processing – engraving of doors and flatness made of MDF

VII. TOOLING DEPARTMENT

Different kinds of tooling

- ✓ Punching tools
- ✓ Injection moulds for thermoplastics
- ✓ Moulds for thermo-reactive plastics
- ✓ Moulds for aluminum alloys castings (ZnAl, AlSi12)
- ✓ Tools for ferrite and piezo-ceramics mouldings
- ✓ Nonstandard accessories
- ✓ Ballistic steel welding.

The maximal manufactured tools overall dimensions are 500 ÷ 380 mm for articles of size up to 200 ÷ 150 mm.

Specific installations of the following machines for tooling production:

- ✓ Wire erosion machine AGIE DEM 315, produces parts of maximal dimensions of 450 x 280 mm and thickness of max = 120 mm. The cut out profile maximal dimensions are 300 ÷ 150 mm.
- ✓ Spark erosion machine AGEMA-PLUS AS500/CNC of the dimensions of table (tub) 480 ÷ 360 mm and operational field of 350 ÷ 250 mm. The maximal weight of the manufactured part is up to 500 g., and the maximal weight of the erosion electrode is 100 kg.
- ✓ Jig grinding and boring machine DEKEL-LKD for grinding of holes of up to \varnothing 100 mm and shafts of up to \varnothing 60 mm and the thickness of 70 mm and the maximal distances between them 400 x 250 mm
- ✓ Threading grinding for thread products manufacturing of external threading including gauges for metric and GB measurements' threads of external diameter of up to 50 mm.
- ✓ All-purpose lathes and cutting machines, jig scraping, surface grinding and centering machines, specific for the production of tooling equipment.

THERMAL TREATMENT

Classical hardening, gas case-hardening.

VIII. PLASTICS AND RUBBER MANUFACTURING DEPARTMENT

Equipment:

- ✓ Hydraulic presses for heat reactive plastics manufacturing with pressing force from 12 to 400 tons.
- ✓ Moulding machines for injection casting of thermoplastics of the weight up to 230 g.
- ✓ Rubber injection molding machine REPM-40 with maximal volume of injection moulding of 1000 g. and 400 cm³.

Technological Processes:

- ✓ Direct and transfer casting of Bakelite powders with mineral and fibro fillers.
- ✓ Casting under pressure of thermoplastics, polyethylene, polypropylene, polystyrene, polyamides, polycarbonates and polyacetals.
- ✓ Moulding and injection moulding of silicon, cold and oilproof rubber mixtures on the base of silicon rubber, natural and synthetic polychloroprene rubbers, nitrile rubbers etc.

Products:

- ✓ Parts for electronic products with special purpose.
- ✓ Bodies for electronic transformers.
- ✓ Bodies for ferrite cores.
- ✓ Bakelite and rubber washers for grinding.
- ✓ Plastic and rubber parts for lighting fixtures.
- ✓ Plastic parts for radar systems.

IX. FERRITES, PIEZOCERAMIC AND STEATITE CERAMIC DEPARTMENTFERRITES

- ✓ *Soft magnetic ferrites, toroids, tube and cylindrical ferrite cores, ferrite cap cores* - Generic: Magnetic cores for inductive coils, Transformers, Chokes, IF amplifiers, Converters and other radiofrequency equipment, Antenna units for radio transmitters and receivers, Transformers for cable communication devices, Coils for oscillating circuits, Filters with intermediate frequency in radios.

PIEZOCERAMIC

- ✓ *Piezoceramic elements* are components converting mechanical energy into electrical and vice versa – these effects are called direct and inversed piezoceramic effects. Piezoceramic elements are designed to be built in radioelectronics and acoustic electronic products, robotics, medical and measurement equipment, computer engineering. Configurations – discs, prisms, plates, filters, buzzes, wafers, resonators, cylinders and washers.

STEATITE CERAMIC

- ✓ *Steatite ceramic* elements are intended for manufacturing of different assemblies, induction coils and other products for the electrical industry, capacitors and etc.

Al₂O₃ CERAMIC

- ✓ It is used in the production of bulletproof vests with levels of protection III, III+ and IV. As well as in the defense of cars with level of protection III and IV.

We are able to manufacture different configurations as per customer's requirements.

X. GALVANIC AND LACQUERING DEPARTMENT

ALL KINDS OF COATINGS ON ALL KINDS OF METALS

Over parts of steel, copper, brass, bronze, aluminum, aluminum alloys and ZAMAC we carry out the following coatings:

- ✓ Aluchromming
- ✓ Zinc Coating
- ✓ Nickel Coating
- ✓ Chrome Coating
- ✓ Tin Coating
- ✓ Copper Plating
- ✓ Aluminum Anodizing - Hard and Conventional
- ✓ Chemical Oxidation
- ✓ Silver Plating
- ✓ Lacquering.
- ✓ Powder Painting-Dimensions On The Reflow Oven – 3600 x 1800 x 1600 mm.
- ✓ Screen Printing

The department has got 30 years of production experience in the a/m activities. You will receive free advice about the choice, kind and thickness of coating from our company's experts

ROTA ETF – S1 furnace; drayer; degreasing machine; furnace – automatic powder coating line; aluchroming; zinc, nickel, chrome, tin coating; aluminium anodizing – hard and conventional; chemical oxidation; silver plating; lacquering. The machine manufacturer is ROTA MAKINE IMALAT; ROTA-ETFS; ROTA KTH-S2; GEMA Tun – Turkey, 2016.

Certificate BG12/85668

The management system of
SAMEL-90 AD
18, Prespa str., 2000 Samokov, Bulgaria

has been assessed and certified as meeting the requirements of
BS OHSAS 18001:2007

For the following activities

- Research and Development activities, production, trade and services of products and engineering systems:
- Defence related products in the field of telecommunications and telephone sets, radar systems and systems for radio jammers, surveillance and security systems, management systems, field communication systems;
- Products with industrial application and consumer goods in the field of lighting equipment, communication networks and systems, power supply units and other electronic devices;
- Design and production of tooling equipment – punch tooling, moulds, injection moulds, technologic facilities and others;
- Production of pieces and units of high frequency isolated ceramics, piezo ceramic and staealta components and ceramics for ballistic defence, ferrite parts;
- Production of parts of ferrous and non-ferrous metals, bakelite, rubbers and plastics by die-casting, precise turning and milling, punch treatment and laser cutting, including with galvanic, lacquering and powder coating.

This certificate is valid from 20 December 2018 until 12 March 2021 and remains valid subject to satisfactory surveillance audits.
Re certification audit due before 19 November 2021
Issue 4. Certified since 20 December 2012.

Authorized by
D. Marinov, Managing Director

A. Anzifil, Head of System Certification Body

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Certificate BG12/85669

The management system of
SAMEL-90 AD
18, Prespa str., 2000 Samokov, Bulgaria

has been assessed and certified as meeting the requirements of
ISO 14001:2015

For the following activities

- Research and Development activities, production, trade and services of products and engineering systems:
- Defence related products in the field of telecommunications and telephone sets, radar systems and systems for radio jammers, surveillance and security systems, management systems, field communication systems;
- Products with industrial application and consumer goods in the field of lighting equipment, communication networks and systems, power supply units and other electronic devices;
- Design and production of tooling equipment – punch tooling, moulds, injection moulds, technologic facilities and others;
- Production of pieces and units of high frequency isolated ceramics, piezo ceramic and staealta components and ceramics for ballistic defence, ferrite parts;
- Production of parts of ferrous and non-ferrous metals, bakelite, rubbers and plastics by die-casting, precise turning and milling, punch treatment and laser cutting, including with galvanic, lacquering and powder coating.

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Certificate BG16/93038

The management system of
SAMEL-90 AD
18, Prespa str., 2000 Samokov, Bulgaria

has been assessed and certified as meeting the requirements of
ISO 9001:2015

For the following activities

- Research and Development activities, production, trade and services of products and engineering systems:
- Defence related products in the field of telecommunications and telephone sets, radar systems for radio jammers, surveillance and security systems, management systems, field communication systems;
- Industrial application and consumer goods in the field of lighting equipment, networks and systems, power supply units and other electronic devices; production of tooling equipment – punch tooling, moulds, injection moulds, technologic facilities and others;
- pieces and units of high frequency isolated ceramics, piezo ceramic and staealta components and ceramics for ballistic defence, ferrite parts; parts of ferrous and non-ferrous metals, bakelite, rubbers and plastics by die turning and milling, punch treatment and laser cutting, including with galvanic, lacquering and powder coating;
- manufacturing, service and maintenance of energy saving LED tubes for control, delivery of energy efficiency services and performance of guaranteed result contracts (ESCO contracts).

This certificate is valid from 28 January 2019 until 27 January 2022 and remains valid subject to satisfactory surveillance audits.
Re certification audit due before 12 December 2021
Issue 4. Certified since 29 January 2004.

Authorized by
D. Marinov, Managing Director

A. Anzifil, Head of System Certification Body

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REPUBLIC OF BULGARIA
MINISTRY OF DEFENCE
PROFESSOR TSVETAN LAZAROV DEFENCE INSTITUTE

CERTIFICATE

Series SK № 163/2018

This is to certify that
the Quality Management System of
SAMEL - 90 AD
18, Prespa Str., 2000 Samokov, Bulgaria

has been assessed and found to be in compliance with
NATO Allied Publication AQAP 2110.

Scope of certification:
Design, development, production and service of products and engineering systems in the field of telecommunications, information and telephone equipment, sea and ground-based radar systems and radio counteraction systems, surveillance and security systems, control systems and jammers. Manufacture of armored vehicles or their parts/assemblies.

Original date of approval: 4th April 2014
On condition that the Organization's Quality Management System is functioning in a constant and proper way, this Certificate is valid for a two-year period, as of
18th May 2018

Director of
the Defence Institute "Professor Tsvetan Lazarov"

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22nd May 2018

FACILITY SECURITY CLEARANCE CERTIFICATE (FSCC)

1. This is to certify that on **22.08.2017**, the National Security Authority of the Republic of Bulgaria granted to the **SAMEL-90 Ptc.**, located at **Bulgaria, 2000 Samokov, 18 Prespa Str.**, a NATO Secret security clearance in accordance with the provisions of the Industrial Security Directive supporting Enclosure "G" to the NATO Security Policy, C-M(2002)49, valid until **20.07.2020**.

2. The National Security Authority of the Republic of Bulgaria confirms that the facility referred to in paragraph 1 above possesses storage capabilities approved for the safeguarding of NATO classified information.

/ Boris Dimitrov /
(Signature)

(Stamp or seal of issuing Authority)

WE WELCOME YOU TO VISIT US!



Къде сме ние ?
Where are we ?



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