



*Signatory to the EA Multilateral Agreement in this field*

**ORDER**

**Nº A 309**

**Sofia, 30.09.2025**

Pursuant of Art. 10, para 1, item 4 and 3, Art. 28, para. 1 of the Law on National Accreditation of Conformity Assessment bodies, and the relevant item 4.3.7 of Accreditation Procedure BAS QR 2, in connection with an opened procedure with reg. Nº 473/69 OKC/ПА/04.03.2025, assessment report Nº 473/69 OKC/ПА/5/В/14.07.2025, section G-2 Nº 473/69 OKC/ПА/В/03.09.2025, statement of the Accreditation Commission Nº 473/69 OKC/ПА/8/В/23.08.2025, I hereby

**RE-ACCREDIT**

**INSPECTION BODY "4M ENERGY", TYPE C  
AT "4M ENERGY" Ltd, TOWN OF VARNA**

**Management and office address:** 9020 Varna, Vladislav Varnenchik District,  
273 Slivnitsa blvd.

To perform inspection of the following scope:

| <b>Scope type: Flexible*</b> |                                              |                                           |                                                                                                          |                                                            |                                                                                 |
|------------------------------|----------------------------------------------|-------------------------------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------|---------------------------------------------------------------------------------|
| <b>Nº</b>                    | <b>Field of Inspection</b>                   | <b>Type of Inspection</b>                 | <b>Parameter of Inspection/Characteristic</b>                                                            | <b>Test and Measurement Methods Used During Inspection</b> | <b>Ordinances, Standards, Specifications, Schemes</b>                           |
| <b>1</b>                     | <b>2</b>                                     | <b>3</b>                                  | <b>4</b>                                                                                                 | <b>5</b>                                                   | <b>6</b>                                                                        |
| 1                            | Electrical systems and equipment up to 1000V | of new and/or operational sites/equipment | Phase-protective conductor loop impedance                                                                | RPK 01                                                     | Ordinance Nº 16-116, SG issue 26/2008; Ordinance Nº 3, SG issue 90, 91/2004; TS |
| 2                            | Electrical systems and equipment up to 1000V | of new and/or operational sites/equipment | Circuit breakers for zero-sequence currents:<br>-touch voltage,<br>-tripping current<br>-switch-off time | RPK 02                                                     | Ordinance Nº 16-116, SG issue 26/2008; Ordinance Nº 3, SG issue 90, 91/2004; TS |

| 1 | 2                                                       | 3                                         | 4                                                             | 5                                                                                                               | 6                                                                                                                                                                                                                          |
|---|---------------------------------------------------------|-------------------------------------------|---------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 3 | Electrical systems and equipment up to and above 1000 V | of new and/or operational sites/equipment | Insulation resistance                                         | БДC 1986, item 3.3 (a), (b), (e) (f) RPK 03;                                                                    | Ordinance № 16-116, SG, issue 26/2008; TS Ordinance № 3, SG issue 90, 91/2004; TS                                                                                                                                          |
| 4 | Electrical systems and equipment up to and above 1000 V | of new and/or operational sites/equipment | Resistance of protective earthing systems                     | RPK 04;                                                                                                         | Ordinance № 16-116, SG issue 26/2008; TS Ordinance № 3, SG issue 90, 91/2004; TS                                                                                                                                           |
| 5 | Electrical systems and equipment up to and above 1000 V | of new and/or operational sites/equipment | Impulse resistance of lightning protection earthing systems.  | RPK 05;                                                                                                         | Ordinance № 3, SG issue 90, 91/2004; Ordinance № 4/OLPBEFOS - 2010, SG issue 6/2011; TS                                                                                                                                    |
| 6 | Microclimate in working and living environment          | of new and/or operational sites/equipment | Air temperature, Relative atmospheric humidity, Air velocity. | БДC 16686; Ordinance № ПД-07-3, SG issue 63/2014; RPK 06;                                                       | Ordinance № 2, SG issue 15/2007; Ordinance № 3, SG issue 15/2007; Ordinance № 9, SG issue 46/1994; Ordinance № 24, SG issue 95/2003; Ordinance № 26 SG issue 103/2008; Ordinance № ПД-07-3 SG issue 63/2014; БДC 14776, TS |
| 7 | Artificial lighting in working and living environment   | of new and/or operational sites/equipment | Illuminance.                                                  | Methodological Guidelines for Measurement and assessment of Artificial Lighting in Buildings year 1985; RPK 07; | Ordinance № 49, SG issue 7/1976; Ordinance № 24, SG issue 95/2003; Ordinance № 9, SG issue 46/1994; Ordinance № 2 SG issue 15/2007; Ordinance № 26, SG issue 103/2008; Ordinance № 3, SG issue 15/2007; БДC EN 12464-1; TS |
| 8 | Ventilation systems                                     | of new and/or operational sites/equipment | Air flow speed, Airflow flow rate.                            | БДC 12.3.018; RPK 08                                                                                            | Ordinance № 15, SG issue 68/2005; TS                                                                                                                                                                                       |

*\*The introduction of a new version of standards/documents or standards/documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by CAB.*

Ordinance № 3 on the arrangement of electrical appliances and power lines, SG issue 90-91/2004;

Ordinance № 16-116 technical operation of electrical equipment, SG issue 26/2008;  
Ordinance № 4 on lightning protection of buildings, external facilities and open spaces, SG issue 6/2011;  
Ordinance № 2 on health and hygiene requirements for public computer and internet halls (SG issue 15/2007);  
Ordinance № 3 on health requirements for kindergartens (SG issue 15/2007);  
Ordinance № 9 on health and hygiene requirements for the use of personal computers in the education and extra-curricular activities of students (SG issue 46/1994);  
Ordinance № 24 on sanitary and hygiene requirements for discotheques (SG issue 95/2003);  
Ordinance № 49 on artificial lighting of buildings (SG issue 7/1976);  
Ordinance № 26 of November 18, 2008 on the organization and operation of nurseries and nursery kitchens and the health requirements for them, SG issue 103/2008;  
Ordinance № RD-07-3 on the minimal climate requirements for workplaces (SG issue 63/2014);  
Ordinance № 15 on the technical rules and norms for design, construction and operation of sites and facilities for production, transmission and distribution of thermal energy (SG issue 68/2005);  
Methodological instructions for measuring and assessing artificial lighting in buildings 40-85, Collection of methods of the National Center for Hygiene, Medical Ecology and Nutrition, Vol. IV, issued Standardization, 1985;  
TS - Technical specification.

### **I ORDER**

To be issued a Certificate of accreditation with Registration № 69 OKC from 30.09.2025 valid until 30.09.2029 together with this Order, enclosed as an integral part thereof.

The certificate of accreditation with the enclosure should be obtained from Manager of 4M ENERGY Ltd., Varna, the Head of the CAB or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, the accredited person is obliged to return to EA BAS the originals of the certificate of accreditation with reg. № 69 OKC/19.12.2024, valid until 30.09.2025 and the enclosure Order for Accreditation № A 481/19.12.2024 of EA BAS.

This Order shall notified to the legal entity/sole trader within 3 (three) days as from its issuance.

  
**eng. Mariya Ilieva-Yordanova**

Executive Director of EA BAS



