**ORDER**

**No. A 91**

**Sofia, 28.02.2024**

**INSPECTION BODY “ELLRZ—CONTROL” OF TYPE C**

**at “GORUBSO-KARDZHALI” JSC., Kardzhali**

**Management and office address:** 6600, town of Kardzhali, 83 Republikanska str.

**To perform inspection of:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Scope type:** *Fixed\** | | | | | |
| **№** | **Field of Inspection** | **Type** **of Inspection** | **Parameter of Inspection / Characteristic** | **Test and Measurement Methods Used During Inspection** | **Regulations, Standards, Specifications, Schemes** |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1. | Electrical installations and equipment up to and over 1000 V | New and in process in operation objects and equipment | Insulation resistance | БДС 1986-82, item 3.3 a), b), d), e)  ЕЛЛРЗ ПК СИ, Version 1 from 10.05.2023 | Ordinance № 3  (SG issue 90 и 91/2004, subsequent amendment of State Gazette No. 42/09.06.2015;)  Ordinance № 16–116  (SG, issue 26/2008, subsequent amendment of State Gazette No. 42/09.06.2015;  TS |
| Resistance of protective earthing systems | ЕЛЛРЗ ПК СЗ, Version 1 from 10.05.2023 | Ordinance № 3  (SG issue 90 и 91/2004, subsequent amendment of State Gazette No. 42/09.06.2015;)  Ordinance № 16–116  (SG, issue 26/2008, subsequent amendment of State Gazette No. 42/09.06.2015;  TS |
| Resistance of lightning protection earthing systems | ЕЛЛРЗ ПК СЗ, Version 1 from 10.05.2023 | Ordinance No. 4, promulgated State Gazette, No. 6/2011;  Ordinance No. 16-116, promulgated State Gazette, No. 26/2008, subsequent amendment of State Gazette No. 42/09.06.2015;  TS |
| 2. | Electrical appliances and equipment up to 1000V | New and in process in operation objects and equipment | Impedance of the “Phase-protective conductor” circuit | ЕЛЛРЗ ПК  КФЗП,  Version 1 from 10.05.2023 | Ordinance No. 3, promulgated State Gazette, No. 90 and 91/2004, subsequent amendment of State Gazette No. 42/09.06.2015;  Ordinance No. 16-116, promulgated State Gazette, No. 26/2008, subsequent amendment of State Gazette No. 42/09.06.2015;  TS |
| Circuit breakers for safety shutdown -  - Trigger Current  - Shutdown Time | ЕЛЛРЗ ПК ПЗИ, Version 1 from 10.05.2023 | Ordinance No. 3, promulgated State Gazette, No. 90 and 91/2004, subsequent amendment of State Gazette No. 42/09.06.2015;  Ordinance No. 16-116, promulgated State Gazette, No. 26/2008, subsequent amendment of State Gazette No. 42/09.06.2015;  TS |
| 3. | Electrical protective equipment | | | | |
| 3.1 | Dielectric gloves;  Dielectric ankle boots;  Dielectric galoshes and boots; | Products in process in operation | Electrical strength of the high voltage insulation and leakage current | Ordinance No. 22,  (State Gazette No. 45/2006, correction State Gazette No. 47/2006)  ЕЛЛРЗ ПК ЕЗС, Version 1 from 10.05.2023 | Ordinance No. 22,  (State Gazette No. 45/2006, correction State Gazette No. 47/2006)  TS |
| 3.2 | Insulating rods of all kinds;  -manipulation (operational)  - measuring;  -for portable earthing devices. Insulating and electrical measuring pliers;  Dielectric paths | Electrical strength of the high voltage insulation | Ordinance No. 22,  (State Gazette No. 45/2006, correction State Gazette No. 47/2006)  TS |
| 3.3 | Voltage Indicators | Electrical strength of the high voltage insulation  - Voltage threshold | Ordinance No. 22,  (State Gazette No. 45/2006, correction State Gazette No. 47/2006)  TS |

Ordinance No. 16-116 for technical operation of the electrical equipment promulgated State Gazette No. 26 / 2008, subsequent amendment of State Gazette No. 42/09.06.2015;

Ordinance No. 3 for arrangement of electrical installations and power lines

promulgated State Gazette No. 90 and 91 / 2004, subsequent amendment of State Gazette No. 42/09.06.2015;

Ordinance No. 4 for lightning protection of buildings, outdoor facilities and open spaces

promulgated State Gazette No. 6 / 18.01.2011;

Ordinance No. 22 for calibration of electrical protective equipment in operation, promulgated State Gazette, No. 45 , amendment of State Gazette No. 47 /09.06. 2006;

TS – Technical Specification of the customer.