Federal Service for Ecological, Technological and Nuclear Supervision (Rostekhnadzor)

INTERREGIONAL TECHNOLOGICAL MANAGEMENT

CERTIFICATE

OF REGISTRATION OF AN ELECTROLABORATORY

Registration #4638 from September 28, 2012

This certificate certifies that the electrical measurement laboratory with a portable set of instruments belonging to LLC “Technosoyuz” Schelkovskoe highway, 9, Moscow, 105122 is registered in the Interregional Territorial Management of Federal Service for Ecological, Technological and Nuclear Supervision with the right for implementation of acceptance testing, preventive testing and measurement of electrical equipment and electrical installations with the voltage up to 10 kV.

List of permitted tests and measurements:

1. Verification of compliance of mounted scheme of electric installation with the requirements of normative-technical documentation (visual inspection).
2. Measuring the resistance of grounding devices.
3. Measurements of resistivity of the earth.
4. Measurement of contact voltage.
5. Checking the circuit between the earthing switches and grounded elements; checking the circuit between grounded units and elements of the installation.
6. Measurement of insulation resistance of electrical machines and electrical equipment with the voltage up to 10 kV.
7. Checking of circuit “phase-zero” in the electrical installations with TN system.
8. Checking of protection activation in the power supply system with neutral.
9. Checking of the action of releases of the circuit-breakers.
10. Checking the phasing of voltage switchgear up to 1 kV, and their connections.
11. High-voltage test of industrial frequency equipment with the voltage up to 10 kV.
12. Test of power cable lines with voltage up to 10 kV.
13. Tests of measuring current and voltage transformers.
14. Tests of power transformers.
15. Tests (checking) of circuit breakers (RCD).
16. Tests of air circuit breakers.
17. Tests of gas-insulated switches.
18. Tests of vacuum circuit breakers.
19. Tests of load circuit breakers.
20. Tests of oil circuit breakers.
21. Tests of disconnectors, short-traps and separators.
22. Tests of integrated switchgears and package outdoor switchgears.
23. Tests of complex electrical pathways (busways).
24. Tests of modular and connection buses.
25. Tests of capacitors.
26. Tests of valve arresters and surge arresters.
27. Tests of tube arresters.
28. Tests of fuses, fuse disconnectors with the voltage up to 10 kV.

The certificate is issued on the basis of the protocol #39-EL from September 28, 2012 of the commission appointed by the order of the Head of the Moscow department of Rostekhnadzor from 28.04.2010 #312.

The validity of the Certificate is set to September 28, 2015.

Deputy Chairman of the Commission

O.Y. Cudinov

The Certificate is extended to

M.P.

Signature