**Electric equipment and grounding devices test reports (OPS.03.01.06)**

Installation, setup, testing and operation of electric equipment on drill rig shall be conducted in accordance with «Electric Installation Rules», «Power Systems Safety Standards».

Upon completion of drilling equipment installation, metal works of electric installations, frameworks of electric equipment and drive mechanisms should be earth grounded in accordance with «Electric Installation Rules» to provide safety to people.

Before execution of «Drilling rig Start-up» Report, technical conditions of grounding devices shall be tested. Such test includes:

* Visual inspection of exterior parts of grounding device;
* Inspection and test of grounding circuit between grounding device and grounded elements (uncover interruptions and bad contacts in earthing lead connecting the equipment with grounding device), check film cutouts of transformers;
* Change resistance of grounding devices (execute the reports respectively);
* Check phase-zero circuit;
* Dig-up soil randomly for inspection of buried grounding device elements.

Check of technical condition of grounding devices and testing of electric equipment shall be conducted by specialized electrical laboratory upon request of \_\_\_\_\_\_\_\_\_\_ Company and basing on contract. «Electric equipment and Grounding devices test Report» shall be executed upon results of testing and passed to the Drilling Contractor.

(Persons in charge: Chief Power Engineer of \_\_\_\_\_\_\_ Company and Drilling Contractor).