**Name of the scientific laboratory: Laboratory of Physical and Chemical Research in Metallurgy**

1. **Objectives of the scientific laboratory: Determination of the physical and chemical properties of metals.**
2. **List of laboratory equipment:**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **№** | **Equipment Name** | **Brief Equipment Description** | **Tasks Performed on the Equipment** | **Year of Manufacture** | **Certification (yes/no)** | **Verification Date** | **Equipment Notes** |
|  | Hydraulic Testing Press | **Load limits:**  **Minimum - 1 kN**  **Maximum - 100 kN**  **Height of the working space - 160 mm**  **Depth of the working space - 140 mm**  **Width of the working space - 140 mm** | **Mechanical Testing of Samples** | **2015** | **no** | **until 4.12.2016** | **no** |
|  | Hydraulic Testing Press | **Load limits:**  **Minimum - 10 kN**  **Maximum - 1000 kN**  **Height of the working space - 240 mm**  **Depth of the working space - 210 mm**  **Width of the working space - 245 mm** | **Mechanical Testing of Samples** | **2015** | **no** | **Until 4.12.2016** | **no** |
|  | Hydraulic Press | **Force 20 tons**  **Weight 40 kg** | **Mechanical Testing of Samples** | **2023** | **No** | **No** | **no** |

Responsible person: Kulumbayev N.K.

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