**Abstract of the programme**

**08.02.09 Installation, adjustment** **and maintenance of electric equipment** **for industrial and civil buildings**

**Program Title:** Installation, adjustment and maintenance of electric equipment forindustrial and civil buildings

**Objectives of the programe:** Training technicians of installation, adjustment and maintenance of electric equipment for industrial and civil buildings possessing general and professional competences, providing their demand in the professional sphere.

**Training course duration:** 3 years and 10 months of full-time training

**Professional activity field:** Organizing of installation, adjustment, repair and maintenance of power and lighting units of electric circuits for industrial and civil buildings.

**Professional activity objects:** Electric installations (electric circuits, power and lighting units for dwelling, civil and industrial buildings); technical documentation; work organizing of the department; primary labor collectives.

**Professional activity types of graduates:** Organizing and doing work for the maintenance and repair of electric installations; organizing and doing works for installation and adjustment of electric equipment for industrial and civil buildings; organizing and doing works for installation and adjustment of electric circuits; organizing of department production activity, mastering the profession of Electrician.

**Curriculum characteristics:** The curriculum provides all necessary competencies for organizing of installation, adjustment, repair and maintenance of power and lighting electric circuits for industrial and civil buildings.

**Disciplines and interdisciplinary courses:** "Technical mechanics", "Electronics", "Legal principals of professional activity", "Power supply of industrial and civil buildings", "Electric machines", "Maintenance and repair of electric equipment for industrial and civil buildings", "Installation of electric equipment for industrial and civil buildings", "Internal power supply for industrial and civil buildings", "Adjustment of electric equipment", "Power supply of nuclear power plants", "External power supply for industrial and civil buildings", " Installation and adjustment of electric circuits", "Relay protection", "Work organizing of the electric installation department", "Information about the profession of electrician."

**The basic enterprises for practical training and employment are** enterprises of FSUE Production Association "Mayak", construction and electrical companies in Ozersk, Chelyabinsk Region.