

**Refrigerationist Technician - Plumber
at Extreme Light Infrastructure – Nuclear Physics (ELI-NP)**

Position Description and Candidate's Profile

Scope of work

Refrigerationist Technician - Plumber will follow up and observe the maintenance plan regarding the operation under the best technical parameters of the ELI-NP installations and equipment and will provide the maintenance of complex ventilation installation and air conditioning works.

Main responsibilities:

- Gaining the necessary knowledge and enough experience to monitor the operation of installations and equipment;
- Providing technical support for the scientific and engineering activities;
- Providing assistance and technical support during the operational phase to maintain the best performances of the ELI-NP systems.

Main tasks:

- Getting permanently informed on and learning the technical parameters and norms for carrying out maintenance and repair works, the types and the functional parameters of the installations/equipment, the types of works and the basic materials used;
- Learning the documentation regarding the installations served, knowing and observing the requirements mentioned in the technical manual of the installations or in other technical documentations;
- Keeping records of malfunctions per types of equipment, installation position, occurrence frequency, causes, remedial manner and time in order to anticipate/prevent dysfunctions;
- Identifying the elements and parameters requiring supervision during operation so that installations / equipment operate according to the requirements stipulated in the technical manuals or in other technical documentations;
- Making required adjustments from parameters reading;
- Checking moving parts (electrical fans and engines);

- Supervising and controlling ventilation and air conditioning installations during operation, including AMCs and safety equipment;
- Identifying the maintenance plan during works he/she has to carry out: current works, periodical works, occasional works;
- Performing all specified operations within the limit of the category certified by AGFR;
- Knowing how to start up and shut down ventilation and air conditioning installations, observing the sequence of operations stipulated in the technical manuals or in other technical documentations;
- Detecting possible abnormal conditions through observation, analysing findings in order to establish their causes and, if holding the necessary competence, promptly remedying the fault;
- If his/her competence is exceeded, he/she will immediately inform the hierarchical manager to take the remedial measures;
- Writing the specific documents (technical data sheet, operation log, fault finding / intervention data sheet, checklist etc.), accurately defining and structuring the information obtained, as a result of the periodic inspection, in order to describe concretely the actual situation and reporting such operations to the hierarchical manager.

Competences and experience:

- Secondary technical education;
- Qualification certificate or equivalent as refrigerationist;
- AGFR certification - 1st category for “Operator staff for working with equipment operating with certain fluorinated gases”
- Minimum 5 years of experience in executing and maintaining complex ventilation and air conditioning installations;
- Basic knowledge of hydraulics, mechanics, construction mechanics, material resistance;
- Basic knowledge of interpretation of technological documentations and drawings;
- Sound technical knowledge in the field of ventilation and air conditioning installations, specific work procedures and their execution sequence.
- Knowledge of English;
- Proven teamwork experience, communication and efficient collaboration skills.

Employment Conditions:

- Full-time position based in Bucharest–Magurele, Romania, for a period of 2 years;
- Motivating salary depending on qualifications and experience.

Applications:

- Applications must be accompanied by the documents requested in the Rules of Selection for this position.
- Applications shall be sent to the Human Resources Department at human.resources@eli-np.ro.