

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

**Position Description and Candidate's Profile**

**Scope of work**

Water Sewerage 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 sanitary installation works, for water and sewerage.

**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 sanitary installation maintenance and repair works, for water and sewerage, the types and the functional parameters of the installations/equipment, the types of works and the basic materials used;
- Carrying out maintenance works on water and sewerage networks, sanitary installations, related equipment and accessories (fittings, valves, caps etc.) observing the maintenance plan, the provisions of the regulations in force, the technical manuals and their technical documentations;
- Inspecting and reviewing on a periodical basis, in accordance with the technical documentations and the technical manuals, the malfunctions and breakdowns occurred in the water and sewerage networks, the sanitary installations, the related equipment and accessories, in order to ensure normal operation, both inside and outside the infrastructure, and reporting such operations to the hierarchical manager;

- Checking with suitable AMCs the compliance with the normal operating parameters set for water and sewerage networks, sanitary installations, and their related equipment and accessories;
- Countersigning the malfunctions and/or breakdowns identified as well as their causes in the specific forms made available (fault finding / intervention data sheet, breakdown data sheet, checklist etc.);
- Determining the weariness of damaged materials, parts and sub-assemblies and of those adjacent to the affected area according to the repair regulations, in order to prevent malfunctions;
- Carrying out repair works in accordance with the regulations, in the sequence established in the technical documentation and the technical manuals of water and sewerage networks, sanitary installations, and their related equipment and accessories, with consumptions of materials and resources, according to consumption norms;
- Ensuring the conditions necessary to carry out repair works by choosing suitable AMCs and SDVs;
- Establishing the necessary quantities of materials to meet the technical specifications and the consumption norms;
- Providing assistance for specialised service suppliers, when appropriate;
- 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 competence is exceeded, he will immediately inform the hierarchical manager to take the remedial measures;

**Competences and experience:**

- Technical secondary education and qualification certificate or equivalent as water sewerage plumber;
- Minimum 5 years of experience in executing and maintaining sanitary installations, for water and sewerage;
- 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](mailto:human.resources@eli-np.ro).