

ELI Beamlines research centre in Dolní Břežany is a part of pan-European infrastructure ELI (Extreme Light Infrastructure) representing a unique tool of support of scientific excellence in Europe by making available its capacities to the best scientific teams across the world. The aim of ELI Beamlines is to establish the most intensive laser system in the world and to operate it on a long-term basis. Due to ultra-high performances of 10 PW (1 petawatt = 1,000,000,000,000,000 watts) and concentrated intensities of up to  $10^{24}$  W/cm<sup>2</sup>, we can offer our users a unique source of radiation and beams of accelerated particles. The so called beamlines will enable ground-breaking research in the area of physics and science dealing with materials, but also in biomedicine and laboratory astrophysics and many other fields. ELI Beamlines is a part of the Institute of Physics of the Czech Academy of Sciences, and it was open in 2015.

The Institute of Physics of the Czech Academy of Sciences is a holder of the HR Excellence in Research Award. It is awarded by the European Commission to institutions which put significant effort into improving their human resources strategy and ensuring professional and ethical working conditions.

We are looking a suitable candidate for position Safety Engineer for our EHS team, who would actively cooperate with other teams (especially laser, experimental and system engineering teams) in order to ensure safety requirements during design, procurement, installation and operation of the technology, with focus on chemical and gas safety. The main tasks will include review of the technical documentation, identification of safety requirements for the experimental setups and development of the operation documentation (directives, standard operation procedures etc.)

## Safety engineer – chemist (IV-20)

### Key responsibilities:

- review of new technologies and equipment from safety viewpoint, with focus on chemical and gas safety
- performing risk analysis, regular internal safety audits and checks of compliance with internal EHS regulations in the entrusted areas
- development (in cooperation) of relevant safety documentation (operational procedures, safety directives, etc.)
- regular reporting of identified non-compliances and active proposing adequate safety measures to ensure full compliance with requirements of legislation and standards
- development of adequate procedures for emergency scenarios
- close cooperation with other Safety team specialists

**Required qualifications:**

- university education in the field of safety, engineering, natural sciences or secondary education with long term working experience, ideally focused on chemicals, compressed gases, handling gas cylinders or cryogenes
- at least 2 years of previous experience in the field of safety (EHS) in industry, research centre or nuclear facility
- knowledge of legislation in the field of handling chemical substances and mixtures
- capability to understand technical and construction documentation
- communicative knowledge of English
- good communication skills
- capability to work in international team
- professional competence in EHS is an advantage
- professional competence in handling chemical substances and mixtures and/or gases is an advantage
- previous experience from large project is an advantage
- previous experience obtained with the operation complex technology installations is an advantage
- lunch vouchers, pension contribution

**We offer:**

- the opportunity to participate in this unique scientific project
- competitive and motivating salary
- flexible working hours
- nice working environment
- career growth
- lunch vouchers, pension contribution and 5 sick days
- support of leisure time activities

Applications, containing CV, cover letter, contacts of references, and any other material the candidate considers relevant, should be sent to Mrs. Jana Ženíšková, HR specialist ([jana.zeniskova@eli-beams.eu](mailto:jana.zeniskova@eli-beams.eu), +420 - 601560322).

Information regarding the personal data processing and access to the personal data at the Institute of Physics of the Czech Academy of Sciences can be found on: <https://www.fzu.cz/en/processing-of-personal-data>