

**Project Id:** 738

Radiation Protection Group Leader

**External id:** 7496760

## **Radiation Protection Group Leader**

The Environment, Safety & Health Division at the European Spallation Source (ESS) in Lund, Sweden, invites applications for a position as Group Leader of the Radiation Protection Group.

### **Description of directorate/division**

The Environment, Safety & Health (ESH) Division, reporting to the Associate Director of ESH and Quality supports, monitors and assures the implementation of ESS policies, rules, processes, objectives as well as best practices at all levels of the organisation in ESH matters. In order to start preparing for the commissioning of the ESS facility as well as for the future operation, the ESH division has since July 1<sup>st</sup> 2017 been re-organized forming two groups: the Radiation Protection (RP) Group and the Occupational Health and Safety (OHS) Group. For both these groups, ESS has opened up new positions as Group Leaders.

Presently, the ESH Division is a team of 13 persons. Five (5) of them are in the RP Group. The group will substantially expand its staff and activities in the upcoming years in order to meet the needs of the organisation.

### **Description of the position**

For the installation, commissioning and operation of the ESS facility, the RP group is responsible for radiation protection, handling & transports of radioactive waste and other radioactive substances.

The RP group is responsible for justification of work with ionizing radiation, compliance with regulation regarding radiation protection and will lead the implementation of the ALARA principle to all activities within ESS facilities with regards to radiation exposure of staff, users, visitors and the public.

The group is responsible for the future handling of radioactive waste, including contracts for external radioactive waste handling suppliers and suppliers for possible intermediate storage and final disposal of the waste. For the highly activated target components, coordination will be done together with the Target Division.

As for the present phase of the ESS project, the RP group is directly responsible for the design and installation of:

- Radiation Monitoring System
- Radiological Environmental Monitoring System
- Dosimetry System
- Radioactive Waste Handling Systems

The RP group is responsible for all issues related to:

- Radiation Protection rules, procedure & guidelines
- Estimation of doses during normal operation (workers and environment)
- Estimation of doses during accident scenarios (workers and environment)
- Estimation of radioactive waste (types, volumes & costs) arising from operation and decommissioning

These tasks are also part of the support given to the on-going Licensing work towards the Swedish Radiation Safety Authority (SSM)

You are expected to be an active and driving contributor in the ESH&Q management team.

### **Required competencies:**

- Master of Science/Engineering in radiation protection/radiation physics or similar
- Experience of radiological protection issues for a large-scale scientific facility, preferably an accelerator driven one.
- Management experience (project or line organization) from medium sized (5 - 15 resources) teams
- Experience from working in project/line matrix organizations and experience from estimation, planning, resource allocation and execution of project work

Your English skills need to be very good in both verbal and written form.

### **What ESS can offer**

At ESS we offer people with talent and passion a unique opportunity to be involved in the development and building of a world leading facility for materials research. Besides attractive employment and relocation conditions, the flexibility to balance work life with private life and good opportunities to further enhance your skills; you will also enjoy being part of an organisational culture that promotes and supports internal career growth. We pride ourselves in having successful collaboration across different functions, and as the facility continues to grow we will keep nurturing the international and vibrant environment welcoming people from all across the world. Our work environment is characterised by fast growth, high rate of work, and an international atmosphere with highly academic personnel. You must therefore enjoy the diversity as such and have a personality suited for the challenges it holds. In this growing organisation, you will have the opportunity to take part in developing new process and routines. Our work environment is exciting and forward thinking and relies heavily on personal initiative.

### **Duration & Location**

The position is permanent with six months' initial probationary period; the position is to be filled as soon as possible. Your work place will be situated in Lund, Sweden.

### **Application & Contact**

Please provide your curriculum vitae and cover letter in English by clicking on "apply" and following the instructions. *Please note we only accept applications via the ESS website.* The deadline for application is **31 January 2018**

For more information regarding the ESS recruitment process, please follow this link <https://europeanspallationsource.se/ess-recruitment-process>. For further information regarding the position, please contact Division Head, Peter Jacobsson, peter.jacobsson@esss.se. For further information regarding the recruitment process, please contact HR Officer, jasleen

chhabda, jasleen.chhabda@esss.se.

----- The European Spallation Source ERIC will design, build and operate a multi-disciplinary, large-scale research infrastructure based on the world's most powerful neutron source. European Spallation Source, ESS, will provide scientists with unique and powerful neutron scattering instruments for the study of a large range of materials – from polymers and pharmaceuticals to membranes and molecules. ESS project is partnered by 17 European countries, and hosted by Sweden and Denmark. ESS will be built in Lund, Sweden, by a collaboration of European scientists and engineers. ESS is planned to produce the first neutrons by 2019. When the facility is in full operation 2025, ESS has around 450 employees. ESS aim to ensure that staff are employed on the basis of ability and the requirements of the job, and that no applicant or employee receives less favourable treatment because of sex, transgender identity or expression, ethnicity, religion or other belief, disability, sexual orientation or age. (We have made our media choice regarding recruitments and kindly decline contact with media sellers.)