GENERAL SAFETY INSTRUCTION GSI-SO-8

RADIATION SAFETY SUPPORT OFFICER (RSSO)
1 INTRODUCTION

For the convenience of the reader, this General Safety Instruction uses the masculine gender only. However, its use shall be understood as referring to both genders unless the context clearly indicates a reference to one gender only.

1.1 Legal basis

In accordance with its intergovernmental status, the Organization establishes and updates Safety Rules to implement its Safety Policy.

This General Safety Instruction forms part of the CERN Safety Rules and is issued pursuant to the Staff Rules and Regulations and the CERN Safety Policy.

1.2 Purpose and scope

The purpose of this General Safety Instruction is to define the terms of reference of the Radiation Safety Support Officer (RSSO).

1.3 Definitions

- **Radiation Protection**: the protection of people from the effects of ionising radiation and the means of achieving this. Radiation Protection includes assessment of radiological risks, classification of work places in radiation zones, implementation of control measures and monitoring of radiation levels and doses. Radiation Protection falls under the exclusive responsibility of the Radiation Protection Group of the HSE Unit.
- **Radiation Protection Group**: group of the HSE Unit in charge of Radiation Protection at CERN.
- **Radiation Safety**: the achievement of proper operating conditions, prevention of incidents or risk mitigation, resulting in the protection of workers, the public and the environment from undue radiation hazards.
- **Radiation Source**: source of ionising radiation whether generated on purpose or as a result of other processes.

For all other definitions please refer to the Safety Regulation SR-SO "Responsibilities and Organisational Structure in Matters of Safety at CERN".

1.4 CERN Safety Rules and Laws

This General Safety Instruction is supplemented by the documents listed below, where they exist:

- Safety Regulations (SR);
- General Safety Instructions (GSI);
- Specific Safety Instructions (SSI).

In the event of any ambiguity or contradiction between the above-mentioned documents, they shall apply in decreasing order of priority, starting from the top.

2 MISSION AND SCOPE OF WORK

The RSSO shall support his Group Leader in fulfilling his obligations in matters of Radiation Safety.

He shall in particular:

- keep himself and his Group Leader informed regarding all aspects of Radiation Safety within the group;
- assess the means necessary for the members of the group to fulfil their obligations in matters of Radiation Safety, including training and information, propose appropriate measures to his Group Leader and monitor their implementation;
- propose and monitor the implementation of appropriate measures for all other persons participating in the activities of the group, to receive information on and comply with the CERN Safety Policy, the CERN Safety Rules, the CERN Safety Objectives and best practices in matters of Radiation Safety;
- propose and monitor the implementation of appropriate measures to ensure the compliance of Installations, activities and projects under the responsibility of the group with the CERN Safety Rules and best practices in matters of Radiation Safety;
- support his Group Leader with a view to the implementation of the CERN Safety Objectives in the group, in matters of Radiation Safety;
• contribute to the establishment and updating of Safety documentation under the responsibility of the group in matters of Radiation Safety, as required;
• actively participate in risk assessments prior to the introduction or modification of Radiation Sources by the group;
• actively participate in the As Low As Reasonable Achievable (ALARA) process in accordance with the applicable CERN Safety Rules;
• execute any other Radiation Safety tasks as may be assigned to him by his Group Leader or a CERN Safety Rule;
• collaborate with other RSSOs and with Safety Officers and Safety Support Officers of the Department, as well as with the HSE Unit and, in particular, the Radiation Protection Group, the Medical Service and the Fire and Rescue Service, as required.

3 APPOINTMENT – REPORTING

The RSSO shall be appointed by his Group Leader, in consultation with the Head of the Radiation Protection Group, the Departmental Safety Officer (DSO) and the Radiation Safety Officer (RSO), from among employed Members of the Personnel of the group.

The RSSO shall have a deputy who shall meet the same conditions as the RSSO and who shall be appointed by the Group Leader, in consultation with the Head of the Radiation Protection Group, the DSO, the RSO and the RSSO. The deputy shall replace the RSO in the event of his absence.

The RSSO shall be knowledgeable in matters of Radiation Safety and shall have successfully completed the required Safety training, if any.

The RSSO shall be appointed for a period defined in his appointment letter. Each appointment shall be made in writing.

The RSSO shall act on behalf of and report to his Group Leader. He shall regularly liaise with the RSO of the Department.

4 MEANS

The RSSO shall be given the necessary authority and means, including training, information and resources, to fulfil his obligations.

5 FINAL PROVISIONS

5.1 Entry into force

This General Safety Instruction (version 1) enters into force upon its publication on the CERN website dedicated to the Safety Rules: [https://www.cern.ch/safety-rules](https://www.cern.ch/safety-rules).