

Two-Person Rule Synchrotron Radiation Center Annex

Introduction: Working on the Superconducting Radio Frequency electron gun (SRF e-gun) project in the Synchrotron Radiation Center (SRC) Annex involves potential hazards including, but not limited to, oxygen deficiency, electrical, radiation, laser, chemical, occupational and other safety risks.

Purpose: The purpose of this two-person rule is to minimize the risk to all persons working in the SRC Annex by ensuring that there is a second person available to lend a hand and/or to take the appropriate action(s) in case of an emergency during specific times of the day and/or when performing specific tasks as defined in the “Scope of the Policy” below.

Definitions:

Second Person:

The second person is defined as one who is both competent and willing to take the necessary steps in an emergency situation. The second person must also have completed the cryogenic safety training.

Scope of the Policy:

A second person is required when working in the Annex after 6:00 pm, on weekends or anytime a potential oxygen deficiency hazard (ODH) exists.

The two-person rule is also in effect in the SRC Annex anytime work is being done that already requires a second person as identified in the SRC *Working Alone Policy / Two Person Rule*. This policy is available on the SRC website under Policies and Procedures, or by contacting the safety officer.

During the normal workday, when performing tasks that lie outside of those that specifically require a second person, personnel may work alone. However, during this time you are encouraged to notify another staff member that you will be working alone in the SRC Annex and you should also notify that person when you finish your work and exit the Annex.

Responsibilities:

If you engage in any work in the SRC Annex, it is your responsibility to ascertain that sufficient numbers of people are present in the SRC Annex, as identified above, for the task to be accomplished.

Additional Requirements:

In addition to the two-person rule, all other applicable safety rules must be followed. This includes, but is not limited to: laser safety, radiation safety, cryogenic safety, control of hazardous energy (Lockout/Tagout), chemical safety, fall protection, etc.

Penalties:

Failure to follow the two-person rule will result in a penalty. Penalties are assessed at the discretion of the SRC Director.