

CONFINED SPACES

RHIC PROJECT

The Project shall classify confined spaces and maintain a confined space entry program for employee safety.

I. CLASSIFICATION OF CONFINED SPACES

- A. A confined space is defined as a workplace with a limited means of entry and exit or where ventilation may be limited such that workers are exposed to a potential chemical or physical hazard.
- B. The classification of the Confined Spaces within the Project shall be determined by the Line Supervisors, with assistance from the Safety and Health Services Division (SHSD) using BNL ES&H Standard 2.2.4, Section III.
- C. The Class 2A Confined Spaces involving potential exposure to physical hazards in the Project are:
 - 1. Cryo Refrigerator Tanks, Building 1005R
 - 2. Turbine Pod, Building 1005R.
 - 3. Valve Box, Buildings 1002B, 1004B, 1006B, 1008B, 1010A, 1012A.
 - 4. Helium Storage Tanks near Building 1006B.
 - 5. Helium Storage Tanks near Building 1005H.
 - 6. Helium Storage Tanks near Building 902.
 - 7. STAR Magnet with Pole Tips in Place.
 - 8. Magnet Test Shaft., Building 902.
 - 9. Sluice areas in 1005P.
 - 10. Vacuum Furnace, Building 902
 - 11. Waste Pump It Utility Area Building 1005S.

II. REQUIREMENTS FOR ENTRY

- A. The atmosphere in all Posted (Class 2) Confined Spaces shall be tested before each entry. The Line Supervisor shall request a person qualified by SHSD to test for oxygen deficiency, toxic and flammable gases before allowing an employee to enter a confined space.
- B. The trained Line Supervisor or the ES&H Coordinator shall classify the area.
- C. Confined Space Entry Permits are required for all Class 2C Confined Spaces and shall be provided by the ES&H Coordinator. The ES&H Coordinator shall issue a permit for entry into the confined space, with concurrence by the SHSD in accordance with BNL ES&H Standard 2.2.4 Appendix A, Parts A, B, C. Records of the permits shall be maintained by the ES&H Coordinator in the Project ES&H Office, Building 1005S.
- D. A trained attendant shall be in contact with the entrant. The attendant shall not attempt rescue unless it can be accomplished without their own entry.
- E. Unauthorized entry into confined spaces shall be prevented by posting and entryways that are locked or require a tool to open the passageways.

III. TRAINING FOR CONFINED SPACE ENTRY

- A. The Training Coordinator shall obtain and maintain training records and schedules for Confined Space Entry training from the SHSD.
- B. The Training Coordinator shall disseminate training schedules and information to RHIC personnel and shall schedule training upon request.
- C. Line Supervisors shall ensure that their employees are trained on the hazards of the confined spaces they may enter.

APPROVED _____
Satoshi Ozaki
RHIC Project Director

6/14/99
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