

JSC Safety and Health Requirements	JPR No.	1700.1L
	Effective Date:	12/20/2018
	Expiration Date:	12/20/2023
	Page Number	Page 2.2-1 of 2

Chapter 2.2 Industrial Hygiene Program

2.2.1 Applicability of this chapter

You are required to follow this chapter if you receive, perform, analyze, or report on industrial hygiene studies at JSC.

2.2.2 Industrial Hygiene at JSC

2.2.2.1 JSC shall identify health hazards and employee exposure levels by:

- a. A sampling rationale based on data, including reviews of work processes, Safety Data Sheets, employee complaints, exposure incidents, medical records, and previous monitoring results.
- b. A sampling strategy with baseline and periodic surveys to assess employees' exposure through screening and full shift sampling when necessary.
- c. Using nationally recognized procedures for all sampling, testing, and analysis with written records of results.
- d. Following Chapter 4, "Environmental Health," NPR 1800.1.

2.2.3 Industrial hygiene studies

2.2.3.1 Industrial hygiene studies monitor potential employee exposures to physical, chemical, and biological health hazards, such as noise, radiation, or hazardous materials, and determine whether they are within allowable limits. Industrial hygienists do the studies under nationally recognized industrial hygiene procedures and protocols. The studies involve:

- a. Sampling work areas for physical, chemical, and biological stressors.
- b. Testing or analyzing the samples.
- c. Comparing exposures to exposure standards and regulations.
- d. Recommending corrective actions to reduce exposures to acceptable levels.
- e. Communicating results to managers and workers.

2.2.4 Responsibilities for industrial hygiene

- a. *Managers, supervisors and others who oversee people or operations* are responsible for contacting Occupational Health if they suspect or are notified their employees may have been exposed to health hazards.
- b. As a *JSC Team Member*, you are responsible for contacting Occupational Health If you suspect a health problem in your work area.
- c. *Occupational Health* is responsible for:
 - (1) Developing and maintaining site-wide exposure assessment databases.
 - (2) Performing baseline sampling and periodic sampling of work areas as required.
 - (3) Responding to requests for evaluation of suspected health hazards.

JSC Safety and Health Requirements	JPR No.	1700.1L
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	Page Number	Page 2.2-2 of 2

(4) Auditing any Industrial Hygiene programs, processes, and sampling performed by personnel or organizations outside JSC Occupational Health .

- d. *Contractors and organizations who conduct their own industrial hygiene surveys* are responsible for providing copies of their data and reports to Occupational Health.

2.2.5 Safety and health records and documentation for industrial hygiene

- a. Occupational Health shall maintain sampling, analysis, and exposure records. This includes providing personal exposure monitoring results to employees.
- b. JSC organizations shall post copies of workplace health evaluations in a readily accessible location or distribute electronic copies to their employees.
- c. Exposure record retention shall follow paragraph 4.1.2 of NPR 1800.1.

NOTE: See Appendix F, Attachment 1.1A for details on records and documentation required by this chapter.