

---

**CHAPTER 15.0 TABLE OF CONTENTS**

**TABLE OF CONTENTS ..... 1**

**15.0 PERSONNEL LIFTING ..... 3**

**15.1 SCOPE ..... 3**

**15.2 GENERAL REQUIREMENTS ..... 3**

**15.3 IMPLEMENTATION ..... 3**

**15.4 INCONSISTENT STANDARDS ..... 4**

**15.5 HANFORD SPECIFIC REQUIREMENTS AND PRACTICES ..... 4**

**This page left intentionally blank**

## 15.0 - PERSONNEL LIFTING

### 15.1 SCOPE

This chapter applies to the construction and characteristics, inspection, testing, maintenance and operation of personnel lifting systems. This chapter establishes the design criteria, equipment characteristics, and operational procedures which are required when material handling equipment, as defined by ASME B30 Standard, is used to lift personnel. The proper and safe use of these personnel lifting systems is governed by the American Society of Mechanical Engineers (ASME) standards and the Occupational Safety and Health Administration (OSHA) regulations. This section implements required criteria from DOE/RL-92-36 and the following standards: ASME B30.23-2005-Personnel Lifting Systems, and OSHA 29 CFR 1926.550 Cranes and Derricks.

### 15.2 GENERAL REQUIREMENTS

Contractors shall access ASME via one of the following options:

1. IHS Engineering Standards, Regulations and Technical Specifications at <http://www.ihs.com/>. The contractor must have paid for access to the specific standard. For access contact The Hanford Technical Library, 277 University Dr, Richland, WA (372-7430). To print IHS file go to <http://www.ihs.com/>
2. To purchase standards directly from ASME go to <http://www.asme.org>
3. To access OSHA standards go to the following link:
  - 29 CFR 1926.550 Cranes and Derricks  
[http://www.osha.gov/pls/oshaweb/owadisp.show\\_document?p\\_table=STANDARDS&p\\_id=10760](http://www.osha.gov/pls/oshaweb/owadisp.show_document?p_table=STANDARDS&p_id=10760)

### 15.3 IMPLEMENTATION

Contractors shall be compliant to OSHA, ASME, DOE/RL-92-36 and the personnel lifting system manufacturers' requirements. It is the responsibility of the user of this manual to implement all of the requirements from listed sources. When two standards set forth inconsistent requirements, the user shall adhere to the standard containing the most stringent requirements. ASME standards provide the most comprehensive information. Users should contact a Hanford Hoisting Rigging Committee (HHRC) representative or send an email to ^Hanford Hoisting and Rigging for a formal interpretation. See Chapter 17.0 for process to be followed when requesting an interpretation. Notify the Hanford Site Hoisting and Rigging Committee if any inconsistent standards are identified.

It is not the intent of this manual to require retrofitting of existing equipment. However, when any hoisting or rigging equipment is modified, its performance requirements shall be reviewed relative to the requirements within the current manual. The need to meet the current requirements shall be evaluated by a qualified person selected by the owner (user). Recommended changes shall be made by the owner (user) within 1 year.

### 15.4 INCONSISTENT STANDARDS

No inconsistencies between standards currently identified.

### 15.5 HANFORD SPECIFIC REQUIREMENTS AND PRACTICES

None currently identified – follow ASME B30.23-2005-Personnel Lifting Systems standards.

**This page left intentionally blank**