

This is the monthly newsletter of the LANL Engineering Standards Program. The Standards are mandatory documents that define the minimum design criteria, fabrication, and installation practices for the alteration, repair, and construction of LANL facilities and the programmatic and process equipment within them. [[IMP 341](#)]

Topics this month:

- **Engineering Standards Manual Revisions Underway**
- **NEC 2008 Reminder**
- **LANL Standards Issued in May**
- **DOE Technical Standards Actions**

The Standards Homepage: <http://engstandards.lanl.gov/>

ENGINEERING STANDARD MANUAL REVISIONS UNDERWAY

June will see a number of ESM revisions. Already approved and posted are changes to Chapter 7 Electrical Section D5000 and several General Welding Standards in Chapter 13 Welding & Joining Volume 1 (1-01, 1-03, 1-05, 1-10, and 1-11).

A few days from now, more changes are planned:

Chapter 1 General Sections 200 and Z10,

Chapter 2 Fire Protection

Chapter 5 Structural Section II (PC-0, PC-1, and PC-2 Design and Analysis Requirements),

Chapter 14 Sustainable Design, and

Chapter 16 IBC Program

NEC 2008 REMINDER

NFPA 70, the National Electrical Code, was adopted for all new design work by LANL through ESM Chapter 7 Electrical Section D5000 effective January 1, 2008. As a reminder, it will also be required for all "skill-of-the-craft" (non-designed) work beginning July 1. Ref: Electrical Safety webpage <http://int.lanl.gov/safety/esc/>

LANL STANDARDS ISSUED IN MAY

LANL Master Specifications Manual http://engstandards.lanl.gov/New_Home.html#spec

All of the specs in Divisions 05-21 were revised to be consistent with pro forma terminology (Subcontractor, STR, etc.) and the specifier's notes update, as discussed last month.

DOE TECHNICAL STANDARDS ACTIONS

<http://www.hss.energy.gov/NuclearSafety/techstds/standard/recappts.html>

New or Revised DOE Tech Stds this past month:

DOE-HDBK-1113-2008, Radiological Safety Training for Uranium Facilities (188 pages)

LAST MONTH'S UPDATE TOPICS

Miss an issue? The archive is at "[Monthly Update](#)" below the Google search on the Standards [homepage](#). Last month's Update topics were:

- **IHS "Standards Expert" Replacing "Specs and Standards"**
- **Introduction to LANL Engineering Standards Course**
- **Pressure Safety Notice RN0803**
- **LANL Master Spec Terminology Being Revised**
- **Prime Contract Mods**
- **LANL Standards Issued in April**
- **DOE Technical Standards Actions**

To request a change to this newsletter's distribution please contact me.

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