

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 design, repair, and alteration of LANL facilities and the programmatic equipment within them. [[IMP 341](#)]

Topics this month:

- **Happy Birthday to CENG**
- **Online National Standards Seminar**
- **Electrical Standards Course**
- **LANL Standards Issued in May**
- **DOE Technical Standards Actions**

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

### **HAPPY BIRTHDAY TO CENG**

June 1 marks the one-year anniversary of LANS managing LANL, but also the establishment of the Conduct of Engineering Office (CENG) under ADE (Engineering & Engineering Sciences). That makes CENG the 1-year-old adoptive parent of the Standards Program, which turns 25 next year. Please don't call Child Welfare on us, but do stop in and see us in our new, old digs in TA-16-200 (the 3-story), first floor.

### **ONLINE NATIONAL STANDARDS SEMINAR 6/27**

LANL has fast, easy access to Codes, industry standards, and DoD-adopted specs and standards through the [IHS](#) Specs and Standards database hosted by the Research Library. IHS will be providing on-site support on Wednesday, June 27 at 10 am in the Study Center (library) Room 228 upstairs. Topics will include fair use of copyrighted documents as well as roll-out of a NEW VERSION OF SPECS AND STANDARDS. If possible, please email "Kathy Varjabedian" <[kv@lanl.gov](mailto:kv@lanl.gov)> if you plan to attend.

### **ELECTRICAL STANDARDS COURSE**

[LANL Electrical Engineering Standards](#) is being taught July 16.

Covers the electrical engineering standards in Chapter 7 of the LANL Engineering Standards Manual and discusses mandatory requirements and good practices for those involved in electrical design. Strongly suggested for electrical designers, electrical engineers, electrical safety officers, and facility managers. Over 300 trained. Taught by David Powell, Electrical Stds POC. No charge. Course 17998, 8 hours Reserve through CT-ESH using links above or call 7-0059 or e-mail [esh-registration@lanl.gov](mailto:esh-registration@lanl.gov).

The full suite of mostly-free standards-related courses is on the Standards Homepage at the "[Standards Courses at LANL](#)" link.

### **LANL STANDARDS ISSUED IN MAY**

#### **LANL Engineering Standards Manual**

ESM Chapter 13 Welding & Joining, Volume 1, GWS 1-03 Reference Material. Posted "LANL-approved CWI's, SME's, Test Supervisors, and Instructors 5-10-07"

#### **LANL Master Specifications Manual**

**09 2116 R1 Gypsum Board Systems** --- Revisions include updated references, removal of metal stud spacing (should be done on drawings), requiring formaldehyde-free acoustic insulation and specified batt thickness available (thanks to POC Scott Richardson)

**32 9219 R1 Seeding** --- Added Part 2.2.E.1 re pre-mix seed sources, new parts were added to reflect new technology in products and installation; Part 2.6 added; Part 2.7 major revision; Part 3.6 added; Part 3.7 major revision; minor revisions and clarifications throughout (thanks to Mell Smithour, POC Jim Haugen).

### **DOE TECHNICAL STANDARDS ACTIONS**

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

DOE-STD-5506-2007, Preparation of Safety Basis Documents for Transuranic (TRU) Waste Facilities (244 pages) PDF (3592 KB)

DOE-HDBK-1105-2002 (CN-2), Radiological Training for Tritium Facilities (123 pages) PDF (674 KB)

### **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:

- **Standards Training -- Upcoming Courses**
- **When LANL Specs Fall Short**
- **When Civics Classes Fall Short**
- **LANL Standards Issued in April**
- **DOE Technical Standards Actions**

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

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