

This is the monthly newsletter of the LANL Engineering Standards Program. The Standards are mandatory documents that apply to all personnel performing engineering and construction services for LANL, both programmatic and facility, including new equipment and facilities and maintenance and modification of existing. [[LIR 220-03-01](#)]

Topics this month:

- **Spec Renumbering Industry-wide**
- **Drafts for Labwide Review**
- **Standards Courses Offered in December**
- **Standards Issued in November**

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

### **SPEC RENUMBERING INDUSTRY-WIDE**

North American construction specifications are currently in 16 divisions and have 5-digit numbers. This system is changing to a 50 division, 6-8 digit numbering scheme -- CSI's MasterFormat 2004 edition. LANL is converting to the new numbers beginning this month; some titles will also change. A crosswalk from existing to new has been posted to the specs [webpage](#), and the new numbers should be used for new project starts once the majority of sections needed are renumbered (expected by Jan 2006). Please bear with us during this once-a-generation transformation.

### **DRAFTS FOR LABWIDE REVIEW**

After having been reviewed by their respective technical committees, several documents are now ready for LANL-wide review and input. The drafts are available on the [homepage](#) via the bold [Drafts in Review](#) link near the lower right. Comments are due Fri, Dec 16, and the comment form is on the Drafts webpage.

- A new Eng Standards Manual chapter on commissioning; comment to POC Mike Clemmons.
- Minor changes to ESM Chapter 13's General Welding Standards. GWS 1-02 is being revised to include specific inspection data and documentation requirements, and an Inspection Report Form has been added as Attachment 3. Also, GWS 1-11 has been modified to indicate that inspectors are responsible for documenting inspections they perform. Comment to POC Kelly Bingham.

### **STANDARDS COURSES OFFERED IN DECEMBER**

Join the hundreds of LANL and contractor personnel who know all about standards, specs, and drafting!

**LANL Electrical Engineering Standards** Course 17998 will be taught from 8am-4pm in White Rock on Wed, Dec 7. There is no cost.

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.

[http://eshtraining.lanl.gov/pls/gencouraxs/Cour\\_By\\_Number?CourseNumber=17998](http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=17998)

**Introduction to LANL Engineering Standards** Course 24140, taught Thurs, Dec 15 from 8am - 12 noon by Tobin Oruch

Provides familiarity with national and LANL engineering standards for anyone performing, reviewing, or managing design activities.

[http://eshtraining.lanl.gov/pls/gencouraxs/Cour\\_By\\_Number?CourseNumber=24140](http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=24140)

**LANL Drafting Manual: Engineering Symbols, Prints, and Drawings** Course 25103, taught Dec 15 from 1-5 pm by Richard Trout

Provides basic standard format information for both graphic and textual information concerning design drawing requirements.

[http://eshtraining.lanl.gov/pls/gencouraxs/Cour\\_By\\_Number?CourseNumber=25103](http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=25103)

Reserve through PS-13 using links above or call 7-0059 or e-mail [esh-registration@lanl.gov](mailto:esh-registration@lanl.gov)

### **STANDARDS ISSUED IN NOVEMBER**

Eng Standards Manual -- Chapter 13, Welding

Volume 3, Welding Procedure Specifications:

<http://engstandards.lanl.gov/engrman/13weld/html/13-vol3-spec.htm>

2010-1-F3X, r1

2010-1/8, r1

API-1000-13, r0

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To request a change to this newsletter's distribution contact Tobin Oruch, [oruch@lanl.gov](mailto:oruch@lanl.gov).

Previous issues of this Update are available via the "Monthly Update" link near the right of the Standards homepage <http://engstandards.lanl.gov/>

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