

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. [\[P341\]](#)

Topics this month:

- **Specifications for All**
- **ASME Teaching Code Courses in August and September**
- **LANL Standards Issued in July**
- **DOE Technical Standards Actions**

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

SPECIFICATIONS FOR ALL

Contrary to popular urban legend, the LANL Master Specifications actually do apply to all covered work at LANL, regardless of who is performing the work. That means they apply to programmatic work as well as facility and maintenance work -- whether by technicians, craft, or subs. We're obligated to follow the specification requirements unless variance is obtained from the point-of-contact listed on the [website](#). This obligation also extends to the [submittal](#) and [inspection](#) requirements contained in the specs; many of these are necessary from a contractual standpoint and evidence of compliance must be retrievable from the work package at a later time -- even when LANL self-performs the work. <http://www.snopes>.

On a related note, the spec POCs are in the midst of a major campaign to review and update as needed all of our specs by year-end, so this is an especially ideal time to submit comments or improvements.

ASME TEACHING CODE COURSES IN AUGUST AND SEPTEMBER

Building on the one-day ASME B31.3 and pressure protection introductory classes taught by SRS and sponsored by COE and the Engineering Services Division in January, Heidi Hahn of the ADE Engineering Capability Development Office has arranged for ASME to teach two different week-long courses here at LANL as follows. These are probably limited to LANL folks (ask Heidi after 8/11, 665-4606).

EDS# 50629 -- ASME B31.3 Process Piping Code, August 24-27 (M-Tr), 8-5 pm, Canyon Rm 160
Enhance participant's understanding and application of the ASME B31.3 code design requirements for pressure systems. Audience: engineers, pressure safety officers, and technicians who work with pressure systems and piping/tubing. Participants need to bring a calculator.

EDS# 50631 -- ASME BPV Code, Section VIII, Division 1, September, 14-18 (M-F), 8-5 pm, Canyon Rm 172
Enhance participant's understanding and application of the ASME B&PV Code on the rules for pressure vessel design and construction and an introduction to Section VIII Division 1 of the code. Audience: engineers, pressure safety officers. Intended for beginners as well as experienced vessel designers who would like to update their knowledge.

Enroll online by entering EDS number(s) in the search box here, <http://int.lanl.gov/training/>.
Alternatively, contact Yolanda Trujillo at 665-5696 or yitrujillo@lanl.gov.

LANL STANDARDS ISSUED IN JULY

Engineering Standards Manual

Chapter 17 Pressure Safety

Section I Program Requirements, Rev. 1

1.0.E clarified scope; 5.0 simplified FS categories; 6.0.A.15 clarified scope; 9.I modified for discrepancy and actions; 11.B added future pre-testing of PRVs; 12.C modified required PMs; 13.0.B.3 cylinder retest corrected; FM01 and 06 modified; 8.0(B) added to notify CPSO when pressure system is relocated or removed from service; 12(C) added - post modification/ maintenance testing requirements. Latest related forms posted as spreadsheets.

Note: Rev 2 of Chapter 17 (dated 8/3/09) with minor improvements to the above was just posted along with new procedure ITM-342-1701, Pressure Vessel Inspection & Test.

LANL Master Specifications

23 3816 Rev. 2 Fume Hoods -- Complete update

31 3200 Soil Stabilization -- Canceled due to lack of need

31 4300 Concrete Raising -- Canceled due to lack of need

DOE TECHNICAL STANDARDS ACTIONS

New or Revised DOE [Tech Stds](#) this past month: None.

LAST MONTH'S UPDATE TOPICS

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

- **Electrical Standards Training July 13**
- **Standards Intro Class August 26**
- **Exhibitionism**
- **LANL Standards Issued in June**
- **DOE Technical Standards Actions**

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

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