

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:

- **2009 I-Codes – Just Say No**
- **Pressure Safety Assistance**
- **LANL Standards Issued in February**
- **DOE Technical Standards Actions**

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

2009 I-CODES – JUST SAY NO

In accordance with our policy of tracking with the State of New Mexico building codes, LANL will continue to use the 2006 International Building and Int'l Existing Building Codes (IBC, IEBC) for new project starts for the foreseeable future. This is in spite of the planned release of the 2009 I-Codes by the Int'l Code Council beginning this month.

Likewise, LANL will continue to use the 2006 Uniform Plumbing and Mechanical Codes (UPC, UMC) until the State adopts something later. This policy is contained in ESM Chapter 16, Section IBC-GEN, Appendices A & B (LANL Building Code, LANL Existing Building/System Code).

PRESSURE SAFETY ASSISTANCE

The new Chapter 17 Pressure Safety program has been approved and will be posted later this month. It is driven by the need to comply with 10 CFR 851 on worker safety, and it will supersede Requirements Notice 0803 and the design, testing, review, and program management requirements of LANL [P 101-34](#), Pressure, Vacuum, and Cryogenic Systems (former LIR 402-1200-01). In addition to new and existing system certification requirements, it has new vessel and PRV inspection and testing frequencies.

To help get the Lab into compliance with 851 and the new program quickly, a project to inventory and analyze all legacy systems was initiated under the leadership of Dan Steinberg, Engineering Services Division Leader, and Charles DuPre, LANL's Chief Pressure Safety Officer. Beginning in a few weeks, ES will direct teams of contracted personnel in walking down LANL spaces to catalog the existing system configurations, perform PRV sizing calculations, and help establish preventive maintenance schedules.

Finally, an internal SharePoint website is being created to disseminate training and reference documents that will further assist designers of new systems. It includes a link to a 5-hour Pressure Protection Design (aka PRV sizing course 48178) taught in January. That site is [here](#).

LANL STANDARDS ISSUED IN FEBRUARY

None.

DOE TECHNICAL STANDARDS ACTIONS

<http://www.hss.doe.gov/nuclearsafety/ns/techstds/standard/recappts.html>

New or Revised DOE Tech Stds this past month:

DOE-STD-1026-2009, NNSA Package Certification Engineer Functional Area Qualification Standard (28 pages)

DOE-HDBK-1129-2008, Tritium Handling and Safe Storage (343 pages)

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**
- **New EngStandards Website Completed**
- **Prime Contract Changes**
- **CoE Policy Documents Renumbered Again**
- **IHS Online National Standards Subscription Changed**
- **LANL Standards Issued in January**
- **DOE Technical Standards Actions**

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

Tobin Oruch, Engineering Standards Mgr
Los Alamos Nat'l Lab, Conduct of Eng Program Office
TA-16-200 M/S P948 ph (505) 665-8475 fx 667-5405
oruch@lanl.gov <http://engstandards.lanl.gov/>

[🌱 please consider the environment before printing this email](#)