

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:

- **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**

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

ELECTRICAL STANDARDS TRAINING

Point-of-Contact David Powell will teach "[LANL Electrical Engineering Standards](#)" Feb 11 from 8 am - 4pm at the White Rock Training Center. The course 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. Reserve online using link above or call 667-0059 or e-mail Central Training at esh-registration@lanl.gov

NEW ENGSTANDARDS WEBSITE COMPLETED

As noted last issue, the LANL Engineering Standards website makeover was implemented Jan 5. The Master Spec archives have now been reworked and uploaded as well. The URL remains <http://engstandards.lanl.gov/>. Please send bug reports to CoE's IRM-DCS specialist [Christina Salazar](#).

PRIME CONTRACT CHANGES

Mod M062 was processed Jan 15. Notable for some Update readers was the addition of part of DOE HDBK 1169-2003, the Nuclear Air Cleaning Handbook (Ch 8 Testing and App A-C only). Though not written as a requirements document, this HDBK was already invoked for new system design by the ESM Mechanical Chapter. This contract change impacts testing of both new and existing nuclear HEPA systems. George Hrbek (IHS-IS in-place testing manager) is developing the implementation plan for LANL.

The full Mod with updated App G listing is [here](#).

COE POLICY DOCUMENTS RENUMBERED AGAIN

To improve the numbering logic, in January the Policy Office, working with the Conduct of Engineering Office, has again renumbered the CoE policy documents with a coversheet/page change method. The new document numbers are listed below, and online documents will be updated in the future.

- [PD 340](#) Engineering (was IP 340)
- [P 340-1](#) Conduct of Engineering (was IMP 341)
- [P 340-2](#) Design Authority (was IMP 342)
- [PD 341](#) Engineering Processes Manual (no recent change)
- [PD 342](#) Engineering Standards Manual Introduction (was ISD 341-2)
- [PD 343](#) Engineering Training & Qualification Manual (was ISD 341-3)

IHS ONLINE NATIONAL STANDARDS SUBSCRIPTION CHANGED

Note: The following article ran last month, and the change occurred Friday Jan 30. **Also** – since the EngStandards website makeover, a few have had trouble finding the link to the IHS online national standards subscription. This link used to be on the Universe of Standards page hotlinked from the homepage. That homepage link has been renamed Helpful Links and is in the upper right. IHS is also readily available from the Library homepage (Library link at top of most pages, Standards under Quick Links in upper right).

The Research Library analyzed use of the IHS online national standards subscription in light of substantial budget cuts. Given that some society standards were viewed thousands of times in FY08 and others less than a hundred -- and looking at costs for the lesser-used ones -- the decision was made to drop some subscription options and add back others.

The net effect will be some loss of access for some people and improved access for other users.

Being added for 2009 are API Select, EIA, MSS, NETA, and an SAE custom collection (small set of those documents that received significant use in the last two years). Also being added is the Drawing Requirements Manual, 11th edition, which is being evaluated for use in programmatic work in lieu of the 10th ed.

Being dropped is the "DoD-Adopted Industry Standards" set. This was a hodge-podge of standards from a number of societies. Where LANL either already subscribed to that society or is adding that for 2009, no loss of access will result. It effectively means losing a smattering of standards from the following: AA, AASHTO, AATCC, ABMA, AIA/NAS, AMT, ASSE, AWWA, BATTELLE, BHMA, ECA, EIA, GEIA, LIA, NACE, NATO, NSF, and TIA.

This change is expected to occur sometime in January. In the interim, if you would like to download copies of documents we are losing, please do.

In summary, the new subscription will include standards from the following societies: ACI, ANS, ANSI historical, ANSI Nuclear, API (selected), ASCE, ASHRAE, ASME and the Boiler & Pressure Vessel Code, ASQ, ASTM, AWS, EIA, ICC (I-Codes), ISA, ISO Quality, MSS, NECA/NEIS, NEMA, NETA, NFPA, SAE (custom), SMACNA, and UL.

LANL STANDARDS ISSUED IN JANUARY

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-1128-2008, Guide to Good Practices for Occupational Radiological Protection in Plutonium Facilities (304 pages)

DOE-STD-1098-2008, Radiological Control (190 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:

- **Pressure System Design and Electrical Training Opportunities**
- **New EngStandards Website Launches**
- **CoE Policy Documents Renumbered**
- **IHS Online National Standards Subscription Changing**
- **LANL Standards Issued in December**
- **DOE Technical Standards Actions**

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

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