

ENGINEERING STANDARDS UPDATE

→ [Standards are serious business](#), but this newsletter isn't.

Topics this month:

- **CoE Streamlining**
- **LANL Standards Issued in October**
- **DOE Technical Standards Actions**
- **When Good Conduct of Engineering Isn't Followed**

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

COE STREAMLINING

If you saw Larry Goen's October 26 slides you'll know that a Conduct of Engineering requirement reduction initiative is planned for FY16. This will mostly affect ML-4 work.

For Engineering Standards, this will probably begin with a reduction in administrative burden for IEBC Level 2 alterations by mid-January, and then there will be other IBC- and non-IBC program changes made in FY16.

Engineering Processes (e.g., AP) changes are also in the works for FY16: AP-341-519 Design Revision Control, AP-341-622 Review of LANL Produced Design Documents, the AP for replacement item evaluation, and others. A new, simple DCF-lite process is also being discussed.

Related note: For AP questions that your manager and colleagues can't answer, contact [Gurinder Grewal](#) Tuesdays and Thursdays.

If you think CoE is overly burdensome then you'll like the changes. If you think we need to do a better job doing it right, then you may also get that wish, since selected streamlining may free up peoples' time and ability to focus where it most matters. Stay tuned because it may be bumpy ride as we move to and then refine the new normal!

Unrelated to the above, there are two or three pilot-type projects underway that aren't following the Standards in the typical way. When something like this was tried in the past the results were inferior, but we'll see how things go.

LANL STANDARDS ISSUED IN OCTOBER

ESM STD-342-100	
Chapter 13, Vol. 6 NDE: ITM-1306-NDE-UT-100 Ultrasonic Thickness Testing, Rev. 0. Also, Att. 1 on Krautkramer DMS 2/2E.	Initial issue.
Chapter 14, Sustainable Design: Two new references added to website.	10 CFR 433, Energy Efficiency Standards for the Design and Construction of New Federal Commercial and Multi- Family High-Rise Residential Buildings 10 CFR 436, Federal Energy Management and Planning Programs
Master Specifications STD-342-200	
01 4444 R1 Offsite Welding & Joining Requirements	Minor update to clarify fillet and partial pen weld dimensioning; other minor changes.
01 4455 R2 Onsite Welding & Joining Requirements	Minor update to clarify fillet and partial pen weld dimensioning.

DOE TECHNICAL STANDARDS ACTIONS

DOE Tech [Stds](#) activity in the past month: none.

WHEN GOOD CONDUCT OF ENGINEERING ISN'T FOLLOWED

Last month it was yours truly that didn't follow the good CoE practice of fact-checking. But Elisa Baker in FP thought the two-horse-width railroad story seemed too good to be true and checked [Snopes](#). Sure enough, they debunked much of it. So she's my CoE Hero—and I'm feeling like the ass...



Thanks to Clay Davis for this one.

In the spirit of streamlining, I've kept this Update brief.

LAST MONTH'S UPDATE TOPICS

Miss an issue? The archive is at "Monthly Update" on the Standards homepage. Last month's topics:

- Standards Intro Course Oct 28
- Electrical Standards Course Nov 4
- Variances Against Specs
- LANL Standards Issued in September
- Slogans "R" Us in October
- ES Document Control has Left the Building (in an Email Way)
- Engineering Processes News
- DOE Technical Standards Actions
- When Good Conduct of Engineering Isn't Followed

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Tobin Oruch, Engineering Standards Mgr
Los Alamos Nat'l Lab, Conduct of Eng Program Office
TA-3-216 M/S F696 ph (505) 665-8475
oruch@lanl.gov <http://engstandards.lanl.gov/>

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