
ENGINEERING STANDARDS UPDATE

Standards are serious business, but this newsletter isn't.

Topics this month:

- **Training & Qualification**
- **LANL Standards Issued in June or so**
- **Engineering Processes News**
- **DOE Technical Standards Action**
- **National Standards Action**
- **When Good Conduct of Engineering Isn't Followed**

The LANL Engineering Standards: <http://engstandards.lanl.gov/>

Note: This newsletter has hyperlinks all over but the blue/underlined formatting may not show. Hover your cursor where you might expect one.

Did You Know the Ram 1500 Has Math Formulas Hidden Inside? We Found Out Why (Gear Patrol)

Ram owners may be wondering why their truck contains crib notes fit for high school math class. So we asked. [Read the full story](#)



TRAINING & QUALIFICATION

Three upcoming courses via Webex (registrants will receive Webex invitation before class).

CGD Overview (UTrain 30726) Monday, July 13th with Rick Sarwal and Dan Frantz from 1:00-5:00

NOTE: The following class if full, participate if registered. Self-assign to get on a waitlist for the next one. Thanks.

Engineering Standards (UTrain 24140) July 13-16 (M-Tr) with Tobin Oruch each day from 10:30-noon. You must attend each day to receive UTrain credit.

Electrical Standards – Wed, Aug 12

Four-hour course [17998](#) 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. AEs are also encouraged to participate. Taught by Electrical Standards POC Eric Stromberg from 8:00-noon.

For UTrain Courses: Registering: Go to [UTrain](#), search on course, select and enroll. Disenroll if you have to bail. AEs can also register; use token (CryptoCard) or contact ES T&Q coordinator Yolanda Trujillo at 664-0118 or yjtrujillo@lanl.gov with Z number.

LANL STANDARDS ISSUED IN JUNE OR SO

Engineering Standards Manual ESM STD-342-100

Chapter	Section	Title	Date	Summary of latest Revision
Ch. 1 - General	210	Attachment 1: Systems List	7/7/20	See summary at end of document. Thanks to delegated alternate POC Charlie Nuss and others.

ENGINEERING PROCESSES NEWS

AP News

The following Administrative Procedures have been revised and posted to the COE Administrative Procedures [SharePoint site](#). Always ensure you are working to the latest version of all Engineering Administrative Procedures adopted at your location.

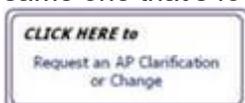
AP-341-401-R5	COE Program Administrative Procedure Management	Issued 5/26, effective 6/24. An AP mostly for use by the CoE Office. Changed AP review period to 5 years.
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If you have been identified as requiring additional training on an AP you will see an assignment on your UTrain “to do” list.

The following APs are going through the revision process, make sure to get comments and change requests submitted through the COE AP website if you have them:

- AP-341-802 *System Health Reporting*
- AP-341-405 *Identification and Control of Technical Baseline in Operating Facilities*
- AP-341-403 *Master Document List*
- AP-341-602 *Requirements and Criteria Document*

The CoE Eng Processes Manager is Sarah Terrill, 667-7788, sterrill@lanl.gov. Please enter issues with APs in the SharePoint issues database. Use the live button below, same one that’s found in the upper right of the Processes SharePoint [homepage](#).



A webpage of the AP pdfs can be reached from LANL Internal with any browser/machine combo (also, you can easily get to int.lanl.gov from mymail.lanl.gov). Once in, you can navigate from the top of the [CoE home page](#) or directly [here](#). On the other hand, if you need the AP Word forms, open a terminal session and use IE for SharePoint for best results. When all else fails, email Christina Salazar-Barnes.

DOE TECHNICAL STANDARDS ACTION

Tech Stds Program [postings](#) in the past month: none

NATIONAL STANDARDS ACTION

Compressed Gas Assoc: If LANL personnel need CGA documents please contact [Robert Payment](#) or [Ari \(Ben\) Swartz](#). The LANL library's internal standards webpage has their names as well.

LANL's [IHS](#) online codes & standards subscription news: None.

WHEN GOOD CONDUCT OF ENGINEERING ISN'T FOLLOWED

A timely and interesting article involving physics and chemistry. Including here since lawlessness and good CoE are probably incompatible.

How to Topple a Statue Using Science (Popular Science)

<https://www.popularmechanics.com/science/a32870657/remove-statue-science/>



LAST MONTH'S UPDATE TOPICS

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

- **LBO Certificate of Occupancy Process Gets Some Press**
- **ESM and Standards Drawing Suggestions/Help Database -- NEW!**
- **Training & Qualification**
- **LANL Standards Issued in May**
- **Engineering Processes News**
- **DOE Technical Standards Action**
- **National Standards Action**
- **When Good Conduct of Engineering Isn't Followed**

The views expressed in this email are not necessarily those of my employer.
To request a change to this newsletter's distribution, please contact me.

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