

Engineering Standards Update



News from Engineering Standards Program

July 3, 2024

Topics this month:

- [LANL Engineering Standards Issued in June or so](#)
- [National Standards Action](#)
- [DOE Technical Standards Action](#)

“Ask not what your country can do for you—ask what you can do for your country.”
— [John F. Kennedy](#)



INDEPENDENCE DAY



LANL ENGINEERING STANDARDS ISSUED IN JUNE OR SO

Engineering Standards Manual ESM [STD-342-100](#)

Chapter	Section	Title	Rev.	Date	Comments
ESM Ch 1 - General	200, 210 & 230, Attachment 1	CMMS Upload Workbook	1.8	7/1/2024	
ESM Ch 6 - Mechanical	D20, Plumbing/Piping/Vessels	Posted Variance: VAR-10667, Tube Bending Guidance Deletion from ESM Ch. 6, D20, Rev. 6	0	6/5/2024	
ESM Ch 7 - Electrical	D5010, Electrical Service & Distribution	Posted Variance: VAR-10683, Locating Electrical Service Disconnects Outdoors (New Requirement)	0	6/19/2024	
ESM Ch 17 - Pressure Safety	Chapter References and Resources	ESM Ch. 17 Requirements ID Log (LANL only)	0	7/3/2024	

LANL Master Specifications [STD-342-200](#)

Section Number	Rev.	Section Title	Effective	Comments
01 4115	2	Pressure Safety Submittals	6/27/2024	This revision includes updated references to 2023 ESM Chapter 17.
01 4631	2	Welding, Brazing and Soldering of ASME B31 Piping	7/1/2024	This revision includes addition of brazing and soldering content for ASME B31 piping, improved title, and minor editorial updates.
25 0533	1	Raceways and Boxes for BAS Electrical Systems	6/27/2024	This revision includes use of PVC conduits, RTRC for corrosive location use, seismic requirements, and minor editorial updates.

LANL Engineering Standards Admin matters

E-mail for COE Eng Stds: engstandards@lanl.gov

Click e-mail address above for any general questions. Goes to the whole team: Tobin Oruch, Alan Yaeger, Neha Gidwani and Christina Salazar-Barnes. Alternatively, visit the [CoE](#) or [Engineering Standards](#) webpage and click on the email under the Engineering

Standards team. Of course, if your need is discipline-specific, then it's best to contact the Standards POC for the corresponding ESM chapter shown on that [webpage](#).

NATIONAL STANDARDS ACTION

[Online National Codes & Standards](#) (Accuris Eng Workbench [EWB], formerly IHS)

[NFPA 13-2022 AMD 9](#), **Standard for the Installation of Sprinkler Systems**

Publication Date: **4/18/2024**

Type of Change: **Amendment (NFPA calls these TIA; has been incorporated into main NFPA 13 file)**

Note: This is an amendment to the 2022 edition; LANL is using NFPA 13-2019 edition per ESM Ch 2, Att 1

DOE TECHNICAL STANDARDS ACTION

[Tech Stds Program postings](#) are listed on the [Technical Standards Portal](#).

No updates this month.

To request a change to this newsletter's distribution or to send comments/suggestions, please email engstandards@lanl.gov.

