

Attachment 1, Adopted Editions of NFPA Fire Protection Codes, Standards, and Recommended Practices

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LANL adoption of NFPA codes and standards, FM Datasheets (for guidance), and other national consensus standards is nominally based on the adopted edition of the IBC. However, for any given project, newer editions of standards than those listed in IBC Ch. 35 are required when determined necessary by the LANL Fire Protection Group; thus, for greater consistency, for all future projects, the edition to be used shall be per the table below with the following exceptions:¹

1. Newer editions may be used at the discretion of the engineer of record and with approval of the LANL Fire Protection Group. The LANL Fire Protection Group may also require a project apply newer standards for emerging issues and hazards, or other specific reason.
2. Newer editions shall be used when required by another invoking event, e.g., adoption of a newer edition of the IBC, DOE order or standards, or New Mexico Administrative Code.
3. The code of record may be followed when permitted by the governing codes and standards, the Fire Marshal, and the LANL Existing Building Code (LEBC; ESM Ch 16 IBC-GEN Att. B).

ITM: Note that periodic inspection, testing, and maintenance requirements from the applicable codes and standards (e.g., NFPA 72 and NFPA 25) are adopted via the LANL MSS Operations and Maintenance (O&M) Criterion series of documents. Design and new work acceptance is per the edition shown in the table.

¹ The direction in this attachment supersedes any potentially conflicting direction in ESM Chapter 1 Z10 (e.g., to use IBC-listed or latest NFPA edition).

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Table D40A1. LANL-Adopted Editions of Commonly Used NFPA Codes and Standards
as of Feb. 1, 2021²

The following listing of required codes and standards are the oldest editions allowed. This list is not comprehensive and contains a subset of the most commonly used codes; additional codes may be applicable depending on project scope.³ Where there is a conflict with respect to a specific requirement applicable for a particular project due to differences in the referenced and LANL-adopted edition of a code or standard, the issue shall be brought to the LANL Fire Protection Group's attention for resolution.

Note: An adoption date of 2/1/21 reflects official recognition of the edition specified by Revision 0 of this attachment. Prior to this date, the edition of most NFPA standards was determined per project, based on guidance from ES-FP.

NFPA Document	Code, Standard, or Recommended Practice	Min. Req'd Edition	Date of LANL-wide Adoption
NFPA 1	Fire Code	same as NFPA 101 ⁴	2/1/21
NFPA 10	Standard for Portable Fire Extinguishers	2013	2/1/21
NFPA 13	Standard for the Installation of Sprinkler Systems	2016	8/1/19 ⁵
NFPA 14	Standard for the Installation of Standpipe and Hose Systems	2016	2/1/21
NFPA 20	Standard for the Installation of Stationary Pumps for Fire Protection	2016	2/1/21
NFPA 24	Standard for the Installation of Private Fire Service Mains and Their Appurtenances	2016	2/1/21
NFPA 30	Flammable and Combustible Liquids Code	2015	2/1/21
NFPA 45	Standard on Fire Protection for Laboratories Using Chemicals	2016	2/1/21
NFPA 55	Compressed Gases and Cryogenic Fluids Code	2016	2/1/21
NFPA 72	National Fire Alarm and Signaling Code	2016	2/1/21
NFPA 80	Standard for Fire Doors and Other Opening Protectives	2016	2/1/21
NFPA 80A	Recommended Practice for Protection of Buildings from Exterior Fire Exposures	2017	2/1/21
NFPA 90A	Standard for the Installation of Air-Conditioning and Ventilating Systems	2018	2/1/21
NFPA 101	Life Safety Code	what adopted IBC requires ⁴	2/1/21
NFPA 110	Standard for Emergency and Standby Power Systems	2016	2/1/21
NFPA 801	Standard for Fire Protection for Facilities Handling Radioactive Materials	2020	2/1/21
NFPA 1144	Standard for Reducing Structure Ignition Hazards from Wildland Fire	2018	2/1/21

² Listing portion of this document may be revised by Fire chapter POC and Standards Manager approval to maintain alignment with the rules of adoption.

³ For standards not listed, it will be generally expected to use an edition within the same 3–4 year edition range as the standards that are listed. If in doubt, contact ES-FP to confirm the edition that should be used. In no case shall the edition be older than that referenced by NFPA 1 or 101, or by the IBC or IFC.

⁴ NFPA 101 edition required by IBC/IFC edition adopted by ESM Ch. 16 (*IBC-GEN Att. A*) is likely to be most compatible with them—2015 at time of writing. NFPA 1 is not required by IBC, so the edition adopted will be the same as adopted edition of NFPA 101. Note, per St. FM Office (Code Enforcement tab), NM only follows NFPA 1 and 101 for existing buildings, but LANL follows them for all buildings.

⁵ LMS 21 1313 used 2016 edition for seismic design beginning 8/1/2019