

Engineering Standards Update
Topics this month: April 2004

WELDING PROGRAM (Programmatic & Facility)
STANDARDS CHANGES
EIA, ISO, and ANSI ONLINE STANDARDS IN JEOPARDY
STRUCTURAL SEMINAR SUCCESS
CLASSES THIS SUMMER (Programmatic & Facility)

The Standards homepage: <http://www.lanl.gov/f6stds/pubf6stds/xternhome.html>

WELDING PROGRAM (Programmatic & Facility)

Drafts of the new Welding Chapter 13 of the ESM are being formatted and will be posted to the Standards Homepage for sitewide review any day now. Those on distribution for this monthly Update will be notified when that occurs. Contact POC Kelly Bingham with questions (kellyb@lanl.gov, 7-6167). This new chapter will ultimately replace PS-1's Notice 141 on control of welding (see at http://int.lanl.gov/memos/MasterManagement/MM1850_ADS2021.PDF)

STANDARDS CHANGES

Construction Specifications

16080, R0 Electrical Acceptance Testing (Replaces 16950 & 16951) **New/Revised**
16095, R0 Electrical Demolition **NEW!!**
16120, R2 Building Wire and Cable **Minor Rev**

Major changes are described by the [Specifications Revision History](#) webpage.

Engineering Standards Manual

Mechanical Standard Detail Drawings

ST D3040-6, R0 Sheet 1 - HVAC Duct Security Bars Installation Detail **NEW!!**
ST D3040-6, R0 Sheet 2 - HVAC Duct Security Bars -- SCIF **NEW!!**

EIA, ISO, and ANSI ONLINE STANDARDS IN JEOPARDY

The Research Library has tabulated usage of various online national standards in 2003. While overall usage of their IHS service is growing 15-20% annually, access to EIA/TIA and possibly ISO-Quality and ANSI-authored ("A-Z") standards may not justify their subscription cost. The Library will make a decision on these three societies soon and service could end in September (comment to library@lanl.gov). When the outcome is known this Standards Update will notify users so they can download those standards they expect to use in the near term. (EIA = Electronic Industries Assoc; TIA = Telecommunication Industry Assoc).

STRUCTURAL SEMINAR SUCCESS

The April 26 technical seminar on the changes in structural design requirements between IBC-2003 (which LANL now uses) and UBC-97 (which we once used) by Dr. S. K. Ghosh was a big success with over 40 attendees.

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CLASSES THIS SUMMER

Intro to LANL Engineering Standards Course 24140: June 9, 8-12 noon.

http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=24140 or contact PS-13 at 7-0059 between 8 a.m. and noon.

LANL Drafting Manual: Engineering Symbols, Prints, and Drawings Course 25103: June 9, 1-5 pm.

http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=25103

LANL Electrical Engineering Standards Course 17998: July 7, 8-4 pm <http://int.lanl.gov/training/>

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