



Engineering Standards Update

Topics this month: January 2005

New URL for Engineering Standards (Programmatic & Facility)
Electrical Chapter Training Tomorrow, Feb 2
Standards Issued during the Past Month (Programmatic & Facility)
Building Green Online Suite Available To LANL
Conduct of Engineering -- T&Q

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

New URL for Engineering Standards

The Engineering Standards website has been moved to <http://engstandards.lanl.gov/>. The old homepage currently forwards, but you should update your browser's favorites/bookmarks, future RFPs that might reference the site, and webpages that link to the Engineering Standards.

Electrical Chapter Training Tomorrow, Feb 2

There are still openings in the LANL Electrical Engineering Standards Course 17998: Feb 2, 8-4 pm at White Rock. Register with PS-13 at 7-0059 or esh-registration@lanl.gov, or at

http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=17998

The class covers the organization and application of the LANL electrical engineering standards in Chapter 7 of the LANL Engineering Standards Manual, as outlined in LIR220-03-01. Discusses mandatory requirements and good practice outlines for LANL organizations and subcontractors involved in the conduct of electrical design. Electricians may select this class as a required Facility Electrical Elective. Also, strongly suggested for electrical designers, electrical engineers, electrical safety officers, and facility managers.

STANDARDS ISSUED DURING THE PAST MONTH (Programmatic & Facility)

LANL ENGINEERING STANDARDS MANUAL

Chapter 13, Welding (Programmatic & Facility)

Vol 1 Section GWS 1-03 - IWD Checklist, R1

LANL CONSTRUCTION SPECIFICATIONS (Facility)

03300, R4 Reinforced Concrete - Major Revision combining 03100, 03200, and 03310. Incorporated mandatory use of fly ash.

16410, R0 Safety Switches and Enclosed Circuit Breakers - New

16441, R0 Switchboards - New

History website: <http://engstandards.lanl.gov/conspec/htmls/cshistory.htm>



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STANDARD DETAIL DRAWINGS-CIVIL

ST-G3020-2 Sheet 1, R5 Exterior Lift Station Piping
ST-G3020-2 Sheet 2, R5 Exterior Lift Station Plan
ST-G3020-2 Sheet 3, R4 Exterior Lift Station Wet/Dry Well
ST-G3020-2 Sheet 4, R4 Design Notes & Electrical Detail

DRAFTING MANUAL

General Symbol G44 - editorial correction

BUILDINGGREEN ONLINE SUITE AVAILABLE TO LANL

Those inside the LANL firewall can instantly access subscription-only BuildingGreen Suite content on the www.buildinggreen.com website. This includes:

1. GreenSpec -- A product information service with detailed listings for more than 1800 green building products with environmental data, manufacturer information, and links to additional resources. You can browse by:

- CSI designation (example: 03000: Cement and Concrete)
- Builder category (example: Foundations)
- Green attribute (example: Post-consumer recycled material)
- LEED credit (example: IEQ Credit 4 - Low-Emitting Materials)
- Products that meet US EPA CPG recommendations

2. Current and back issues of *Environmental Building News*, the leading newsletter on environmentally responsible design and construction, including articles sorted by the 16 MasterFormat Divisions. Use "articles" link in blue bar near the top.

3. Easy browsing that accesses both articles and product listings at once for a given product category (use links in green area on left).

CONDUCT OF ENGINEERING -- T&Q

System engineer training & qualification is now being coordinated by the ENG Division. The website for this now includes a Memorandum of Understanding that discusses the program and a Vital Safety System listing at http://arania/eng_site/TRNG/se_qual.htm

Previous issues of this monthly Standards Update from 2004 forward are available. Click the "What's NEW in Stds: Monthly Update" link near the upper right on the Standards homepage:

<http://engstandards.lanl.gov/>

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