

Standards Actions

Technical Standards Program Newsletter

October 2021



U.S. DEPARTMENT OF
ENERGY | OFFICE OF
NUCLEAR SAFETY



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TECHNICAL STANDARDS ACTIVITIES

A Note on RevCom Passwords

Turnover in Technical Standards RevCom participants makes this a good time to clarify password requirements for Technical Standards Managers (TSMs), Preparing Activities (PAs), Delegates, and Alternates.

When an account is assigned, the user receives an email from Doxcelerate Technical Support, which includes the assigned username and a link for setting a password. Both the username and the password are case-sensitive.

Cyber security requires that passwords be replaced after six months.

A user's login fails when:

- they have been using a password for six months
- they are in the wrong RevCom platform
- they have chosen the wrong role
- they are not using the correct username
- they have forgotten that usernames and passwords are case-sensitive
- they have forgotten their password
- they have tried and failed to login three times
- they have not used RevCom for several months

When viewing the login screen, a user may click on "Forgot Your Password?" and they will be taken to a window where they will enter their username. If they enter the correct username, RevCom will send the user an email with a link for resetting their password. The following are the criteria for passwords:

- cannot be reused
- must consist of 8-20 characters
- must include
 - an uppercase letter
 - a lowercase letter
 - a number
 - either a # or a \$ (not in the last position)
- cannot contain the user ID or any elements that could be associated with you or

- any of your family and friends
- cannot employ named individuals, fictional characters or places
- cannot include simple patterns (e.g., qwerty or xyz\$123xx)
- must be different from passwords you use in classified systems.

If RevCom cannot find a username in the role the user specifies or in the RevCom platform they have chosen, the login attempt fails. RevCom users who have one or more accounts in the four DOE RevComs - Directives, Technical Standards, NNSA Directives, and Los Alamos Policies and Procedures, are not always sure which RevCom platform to choose or how to access it. To assist with this dilemma, users can bookmark the following:

- www.directives.doe.gov/login.jsp (Directives)
- www.standards.doe.gov/login.jsp (Technical Standards)
- www.directives.nnsa.doe.gov/login.jsp (NNSA)
- www.lanl.revcom.doxcelerate.com/login.jsp (LANL)

If a user receives notification of a document for review, they may take note of the document numbering (displayed on the Document line in the notification). Numbering is unique to each of the programs as shown here:

- Technical Standards: DOE-STD-XXXX-YR or DOE-HDBK-XXXX-YR or DOE-NA-STD-XXXX-YR
- Directives: DOE O XXX.X or DOE G XXX.X-X
- NNSA: ACD, SD, NAP, or BOP, followed by XXX.X
- LANL Policies: PXXX-X (Rev.X), OSH-ISH-FSD-XXX

A Subject Matter Expert's username is his/her email address. Currently passwords are not required, however with SME authentication, expected in FY22, SMEs will need passwords.

Users are encouraged to send an email to support@doxcelerate.com to request assistance. Training is also available to all RevCom users.

Written by Patricia Greeson, Director, Support Services, Doxcelerate

Revision of DOE-HDBK-1224, Hazard and Accident Analysis Handbook and DOE-HDBK-1169-2003 Nuclear Air Cleaning Handbook and Development of New DOE-STD- 1269-YR, Air Cleaning Systems in DOE Nuclear Facilities

The Office of Nuclear Safety Basis and Facility Design (AU-31) is currently revising DOE-HDBK-1224-2018, *Hazard and Accident Analysis Handbook*. The principal purpose of this Handbook is to guide development of the Documented Safety Analysis for nuclear facilities in order to satisfy the requirements of a safe harbor method set out in 10 CFR Part 830, Subpart B, *Safety Basis Requirements*. The handbook was last issued July 26, 2018, for a 2-year interim-use period to gather user-feedback, review, and comment. After the 2-year interim-use period, the document officially entered RevCom in December 2020 incorporating feedback received over this time period. The focus of the current revision is to incorporate official RevCom comments received from across the DOE complex and the Defense Nuclear Facility Safety Board. In addition, the revision will address ongoing improvements to applicable scientific theories, analysis techniques, practical examples, and lessons learned from Department of Energy (DOE) application and experience.

AU-31 is also concluding a major revision to DOE-HDBK-1169-2003, *Nuclear Air Cleaning Handbook* to include the development of the new standard, DOE-STD-1269-YR, *Air Cleaning Systems in DOE Nuclear Facilities*. The Handbook provides a history of nuclear air and gas cleaning and handling; system and component design; and guidance for DOE nuclear facility confinement ventilation. With various existing industry-wide consensus standards available such as the American Society of Mechanical Engineers (ASME) Code on Nuclear Air and Gas Treatment (AG-1) and various standards from the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), many of these documents cover related topics also contained in DOE-HDBK-1169-2003. The major focus of the handbook revision and new standard development is to increase use and reliance on these industry-wide voluntary consensus standards wherever possible. The revised handbook will retain pertinent nuclear air cleaning guidance while the new standard will contain unique DOE requirements.

Written by Patrick Frias, General Engineer, Office of Nuclear Safety Basis & Facility Design

DOE Technical Standards Updates

The following is an overview of recent Technical Standards actions for June, July, August and September 2021. A complete list of on-going DOE Technical Standards actions can be found on the “Monthly Status Reports” posted on the Technical Standards Program website: www.standards.doe.gov

Project Justification Statement (PJS) Posted in RevCom for 15-day Review:

PJS to Revise DOE-STD-1231-2018, *Preparation and Conduct of Protective Force Performance Testing* (OUO)

POC: Carl Pocratsky, Office of Security, AU-52, Phone: 301-903-2769

PJS to Develop DOE-STD-XXXX-YR, *Management of Unmanned Aircraft System Operations and Countermeasures During Security Performance Test Exercises* (OUO)

POC: Carl Pocratsky, Office of Security, AU-52, Phone: 301-903-2769

In RevCom for 60 Day Review:

Proposed Revision to DOE-HDBK-3010-1994, *Airborne Release Fractions/Rates and Respirable Fractions for Nonreactor Nuclear Facility (Volume 1 and 2)*

POC: Caroline Garzon, AU-31, Office of Nuclear Safety, Phone: 301-903-8275

In RevCom for 45 Day Review:

Proposed Revision to DOE-NA-STD-3016-2018, *Hazard Analysis Reports for Nuclear Explosive Operations*

POC: Ken Nakayama, NNSA, Phone: [806-573-6281](tel:806-573-6281)

Approved:

DOE-STD-1196-2021, *Derived Concentration Technical Standard*

POC: Carlos Corredor, AU-22, Office of Public Radiation Protection, Phone: 202-586-0471

DOE-STD-5506-2021, *Preparation of Safety Basis Documents for Transuranic (TRU) Waste Facilities*

POC: Robert Nelson, EM 3.11, Office of Environmental Management, Phone: 202-834-1824

Cancellations:

Nothing to report

Upcoming Events and Workshops

ANSI World Standards Week (WSW)

When: October 25 - 29, 2021

Where: Washington, DC

ASME IMECE International Mechanical Engineering Congress & Exposition

When: November 1 - 5, 2021

Where: Virtual Conference, Online

ANS 2021 International Topical Meeting on Probabilistic Safety Assessment and Analysis (PSA 2021)

When: November 7 - 12, 2021

Where: Columbus, OH

2021 ANS Winter Meeting and Technology Expo

When: November 30 - December 3, 2021

Where: Washington, DC – Washington Hilton

ANS 14th International Topical Committee on Nuclear Applications of Accelerators

When: November 30 - December 4, 2021

Where: Washington, DC – Washington Hilton

For more information on the listed meetings or events, please see their organization's website listed below:

<http://www.ans.org/>

<https://www.ansi.org/>

<https://www.asme.org>

<https://www.nfpa.org/>

<https://www.asme.org>

<https://www.nfpa.org/>

To learn more about the DOE Technical Standards Program or to view
the *Standards Actions* newsletters,
visit the website:
www.standards.doe.gov