

Project Justification Statement

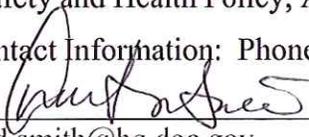
Proposed Revision to:

DOE-STD-1167-2003, *Department of Energy Respiratory Acceptance Program for Supplied Air Suits*

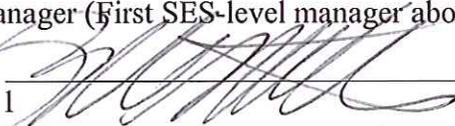
1. Organization Name/Code.

Office of Worker Safety and Health Policy, AU-11

2. Author's Name (Contact Information: Phone, E-mail).

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3. Senior Line Manager (First SES-level manager above the author).

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Director, AU-11 / date

4. How will this proposed revision to the DOE Technical Standard support DOE?

The revision to Department of Energy Technical Standard 1167-2003, *Department of Energy Respiratory Acceptance Program for Supplied Air Suits* (DOE STD 1167), will include changes to reflect current technical information, procedures, references and nomenclature, as well as, updates reflecting organizational changes and dates.

DOE STD 1167 is a non-mandatory technical standard, which provides DOE and contractor managers with a structured approach for assessing the safety and respiratory performance of supplied-air suits. It provides guidance for:

- establishing procedures for administering the DOE Respiratory Acceptance Policy;
- prescribing test methods for evaluating the performance of supplied-air suits; and
- specifying minimum performance standards for these suits.

5. After conducting a search for Voluntary Consensus Standards, what possible standards were considered for use in lieu of developing or revising the subject DOE Technical Standard?

A review of voluntary consensus standards revealed a few standards which partially addressed some aspects of the material contained in this DOE standard, however, no consensus standard was identified which could be used in lieu of a revision to DOE STD 1167-2003.

The National Institute for Occupational Safety and Health (NIOSH) was working to develop appropriate standards and test procedures for respiratory protective devices, such as the air-fed ensembles (AFE) or "supplied air suits" addressed in this DOE Standard. NIOSH planned to utilize formal rulemaking to update or create new sections in title 42, Code of Federal Regulations, part 84 (42 CFR 84) to address the performance and reliability of AFE's. NIOSH last addressed this topic in September 2009, when the Agency developed a concept paper for public comment. Since that time, NIOSH has determined that the adoption of all future respirator standards will be accomplished in a modular fashion using the

informal rulemaking process resulting in a revised 42 CFR 84; as a result, a new AFE performance standard remains unaddressed by NIOSH since 2009.

6. Provide reasoning for not using potentially applicable Voluntary Consensus Standards.

There were no applicable voluntary consensus standards identified which would be sufficiently comprehensive, or appropriate for the specific DOE needs.

7. Will this new or proposed revision to the DOE Technical Standard have an impact on any DOE Directives or a Rule? If so, please list the impacted Directive(s) or Rule(s).

Yes. This technical standard is referenced in DOE Order 440.1B, *Worker Protection for DOE (Including the National Nuclear Security Administration) Federal Employees* and in Title 10 Code of Federal Regulations part 851, *Worker Safety and Health Program*. Revising this DOE standard will ensure the DOE Order O 440.1B and any subsequent revision to that Order will reference a current DOE technical standard containing current technical and administrative information.

8. Provide reasoning for selecting document type (DOE Standard, DOE Handbook, DOE Specification). Please refer to DOE O 252.1A, Technical Standards Program, Appendix A, Technical Standard Document Types. Note: DOE Handbooks must not include requirements statements ("shall" statements).

This DOE Technical Standard is to be revised as a technical standard within the DOE Technical Standards system. It meets the definition of a technical standard as defined in DOE Order O 252.1A. No change in document type is merited or useful.

9. Provide target development milestones:

- a. Planned Start (January/2017) – Start developing draft
- b. Planned Coordination (April/2017) – Submit for TSP RevCom Review
- c. Planned Completion (July/2017) – Approval and Issuance