

**Project Justification Statement**  
**Proposed Revision to:**  
**DOE-STD-1212-2012, *Explosives Safety***

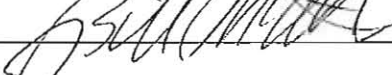
1. Organization Name/Code.

Office of Worker Safety and Health Policy, AU-11

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

Moriah Ferullo,  / 3-31-2016  
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3. Senior Line Manager (First SES-level manager above the author).

Bill McArthur,  / 4/4/16  
Director, AU-11 / date

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

DOE-STD-1212-2012 was written in response to DOE O 251.1C requirement to convert manuals to standards. This standard describes the requirements for explosives safety and is the DOE-approved successor document to DOE Manual 440.1A, which was required by title 10, Code of Federal Regulations, part 851, *Worker Safety and Health Program Rule* (10 CFR 851).

The standard is now 4 years old. It is being revised to provide clarification, as well as reflect Central Technical Authority test safety requirements and lessons learned after an injury at the Sandia National Laboratory involving the unintentional firing of a detonator.

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?

There are no Voluntary Consensus Standards that address the unique nature of explosives operations at DOE. The Department of Defense explosives safety information has been reviewed and incorporated into this standard where applicable.

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

There are no applicable Voluntary Consensus Standards that address explosives safety for DOE operations.

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).

DOE-STD-1212-2012 is required by 10 CFR 851 and DOE O 440.1B, *Worker Protection Management for DOE Federal and Contractor Employees*.

8. Provide reasoning for selecting document type (DOE Standard, DOE Handbook, and 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).

The DOE-STD-1212-2012 was created consistent with the direction in DOE Order 251.1C requiring the conversion of Manuals as they come up for review; DOE M 440.1A was converted to DOE-STD-1212-2012.

9. Provide target development milestones:
  - a. Planned Start (March/2016) – Start developing draft
  - b. Planned Coordination (April/2016) – Submit for TSP RevCom Review
  - c. Planned Completion (August/2016) – Approval and Issuance