



# NAVAL ORDNANCE SAFETY & SECURITY ACTIVITY

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## NOSSA NAOC Brief

Ordnance Environmental Support Office,  
Naval Ordnance Safety and Security Activity  
Indian Head, Maryland

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**Providing Ordnance Safety for The Naval Enterprise**

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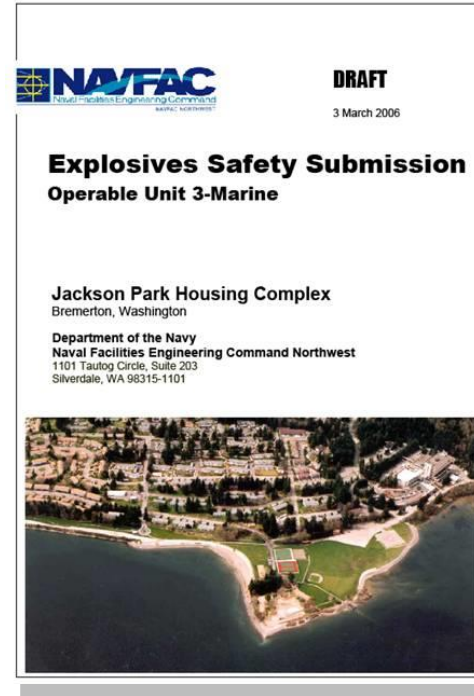
# TOPICS

- ESS Reviews
- Audit Metrics
- MPPEH instruction
- NOSSAINST 8020.15E
- AGC Challenges



# ESS REVIEWS

- ESS Review Process
  - *Quality documents*
    - *Not meeting ES criteria*
    - *illogical approach/poorly articulated*
    - *Insufficient QC processes/lack of*
    - *Poor editing*
    - *Not adhering to NOSSAINST*
  - *Timeframe*
  - *Expedited reviews*
  - *Explosive Safety Deviations*



# NOSSA AUDIT

- Audited areas include, but are not limited to:

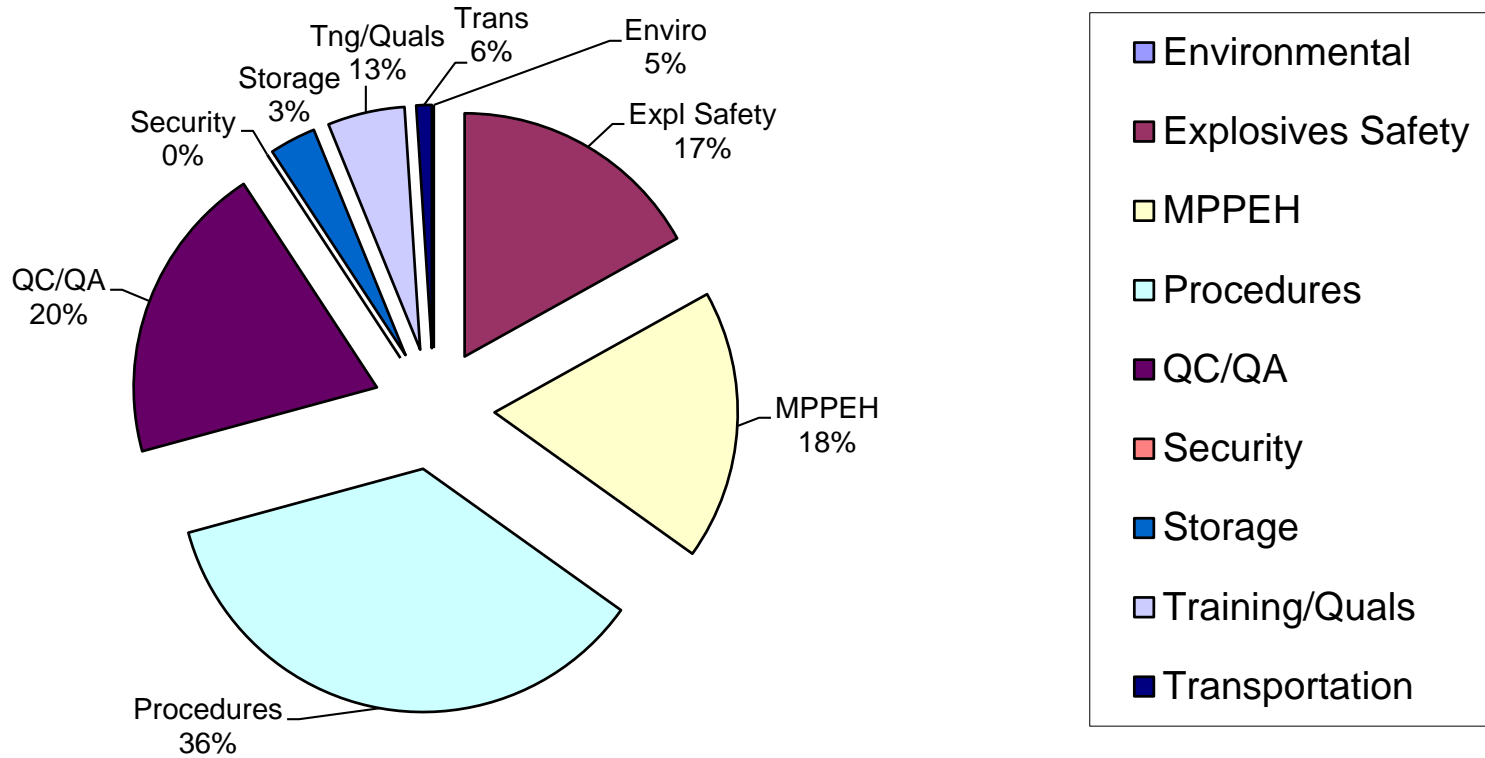
## *Documents*

## *Operations and Procedures*

✓	Explosives Safety Submission	✓	General explosives safety practices	✓	Geophysical instrument checkout and use
✓	Work Plan/QAPP and Standard Operating Procedures	✓	Explosives storage and transportation	✓	Anomaly detection and identification
✓	QC Plan or QA Project Plan	✓	Occupational safety and health practices	✓	Manual/mechanized MEC/MPPEH removal
✓	Site-specific Health and Safety Plan	✓	QC and QA programs	✓	MEC treatment/disposal
✓	Environmental Protection Plan	✓	Exclusion zone management	✓	MPPEH management
✓	UXO worker training and qualifications	✓	Environmental compliance	✓	Data management

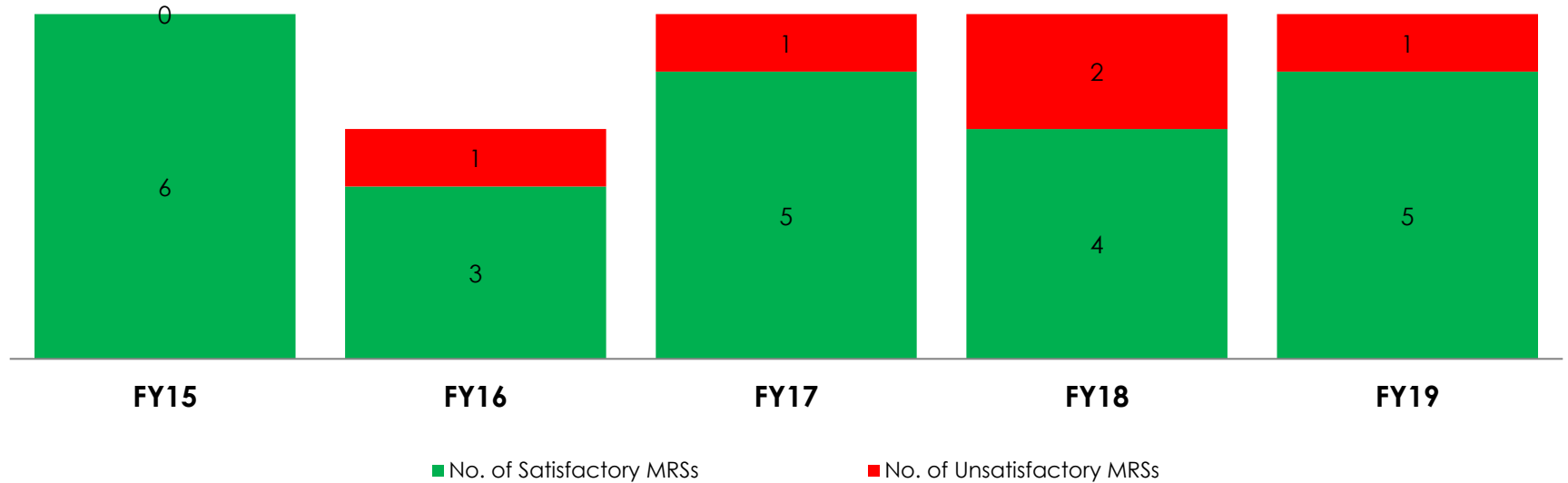
# Summary Audit Findings by Category

**MRS Audit Findings by Category (FY15-19)**



# Audit Scoring

**MRS Audits: SAT vs. UNSAT (FY15-19)**



# AUDITS

- **3 Main focus areas**
  - Explosive Safety
  - Quality
  - MPPEH Management
- ***Recent failures***
  - ES and Quality



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*NOSSA Audit Glasses*



# Material Potentially Presenting an Explosive Hazard (MPPEH)

- **What is NOSSA looking for during an audit?**
  - *Are you meeting MPPEH Training Requirements?*
    - MPPEH Training for UXO contractors
    - Updated course & annual refresher
  - *Supporting Documentation (maintaining records for 3 years)*
    - 1348's or locally approved form
    - UXO contractor Designation Letters
  - *Maintaining the Chain of Custody*
    - Contents match what is on the paperwork
    - Closed & Secured Containers

*Other common findings: No SOP, unmarked container  
incorrect certification statement*





# Material Potentially Presenting an Explosive Hazard (MPPEH)

- Batch Processing
  - Makes maintaining Chain of Custody Easier
- Further Evaluating
  - Implementation of Expert Knowledge to make MDAS Determinations
  - Chain of Custody / Segregation

## MDAS Batch Certification Form

MDAS Container ID (or other unique identifier) \_\_\_\_\_

This form is being used to record the addition of MDAS to the container in batches; instructions and a controlled copy are contained in SOP \_\_\_\_\_. This form should only be used to record batch additions to a single container until it is full or otherwise ready for turn-in. When starting a new container, start a new form. Each batch of the MDAS listed below was independently 100% visually inspected by the two authorized and qualified individuals whose signatures are shown below and they affirm that:

**"The material listed on this form has been inspected or processed by DDESB-approved means, as required by DoD policy, and to the best of my knowledge and belief does not pose an explosive hazard."**

Date	MDAS Description	Quantity	Certifier	Verifier
			_____ _____ _____ _____	_____ _____ _____ _____
			_____ _____ _____ _____	_____ _____ _____ _____
			_____ _____ _____ _____	_____ _____ _____ _____
			_____ _____ _____ _____	_____ _____ _____ _____
			_____ _____ _____ _____	_____ _____ _____ _____
			_____ _____ _____ _____	_____ _____ _____ _____
			_____ _____ _____ _____	_____ _____ _____ _____

Relevant Comments: \_\_\_\_\_

Organization Name: \_\_\_\_\_

Organization Address: \_\_\_\_\_

Organization Phone #: \_\_\_\_\_

# Material Potentially Presenting an Explosive Hazard (MPPEH)

- Future Instruction
  - NOSSA Instruction on MPPEH has been drafted
  - Expands upon NAVSEA OP5 by providing clarification
  - Improves NOSSA's ability to control operational decisions on MPPEH
  - Flexible common sense solutions on MPPEH management without compromising explosives safety



# NOSSAINST 8020.15E

- Status: Waiting to be signed out.
- Major changes:
  - Procedure changes-Allows new MGF implementation with 2 week timeframe to submit revised document in order to prevent work stoppages
  - ESS Development Guide has been expanded (QC/QA/UW)
  - Audit checklist has been updated and expanded
  - Requires use of the AGC/MR-QAPP
  - AAR guidance
  - Requires NAVFAC approval/justification to use analog



# AGC Implementation Challenges

- MGFD changes based on data
- ESS development-NOSSAINST 8020.15E
- DAGCAP Requirements
- AGC QAPP



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