

NDIA Environment, Safety, and Occupational Health(ESOH) Committee Report

June 22, 2016

Industry Chair: Mr. David Schulte, SAIC

**Government Liaison: Mr. Sherman Forbes,
SAF/AQRE**

Proposed 2016 Tasks:

1. Work with AIA and DoD ACQ ESOH IPT to update NAS 411-1, "Hazardous Materials Target List"
2. Work with AIA and DoD ACQ ESOH IPT to update NAS 411, "Hazardous Materials Management Plan," to include system safety risk assessments and management of hazardous materials
3. ESOH Committee Meetings
4. NDIA SE Conference ESOH Track

Deliverables/Products

1. NAS 411-1 update published
2. NAS 411 update published
3. Hold quarterly ESOH Committee Meetings
4. ESOH Track at the NDIA SE Conference

Schedule / Resources

1. ECD Oct 2016 / AIA and DoD participants
2. ECD December 2016 / AIA and DoD participants
3. Bi-monthly meetings with the NDIA SED meetings / industry and DoD participants
4. ECD October 2016 / industry and government participants

Issues / Concerns:

1. Will the Target List include items not part of the International Aerospace and Defense Declarable Substances List (AD-DSL) / items not on AD-DSL could drive excessive costs
2. Advisability of adopting NAVSEA use of predetermined Severity Categories based on the chemical properties of a material / reaching consensus on the Severity Categories
3. Availability of participants / providing value added meetings
4. Government participation / without government participation, limited value to industry

2016 Tasks Planned	Status	Accomplishments (deliverables, etc.) - Comments
1. Work with AIA and DoD ACQ ESOH IPT to update NAS 411-1, “Hazardous Materials Target List”	In Progress	<ul style="list-style-type: none"> • Target List is completed; goal to publish in 2016 • Subset of International Aerospace and Defense Declarable Substances List (AD-DSL) • Chemicals listed by CAS number only • Working on electronic, sortable format for DoD
2. Work with AIA and DoD ACQ ESOH IPT to update NAS 411, “Hazardous Materials Management Plan,” to include system safety risk assessments and management of hazardous materials	On Hold	<ul style="list-style-type: none"> • Completed Draft guidance on how to conduct risk assessment on HAZMAT using the MIL-STD-882E methodology – geared towards hazardous materials/chemicals management practitioners • Considering the NAVSEA Hazardous Materials Avoidance Process concept for use in NAS 411 – assignment of specific Severity Categories for given materials, e.g. known carcinogens have a Severity category of Catastrophic
3. ESOH Committee Meetings	In Progress	<ul style="list-style-type: none"> • Holding ESOH Committee meeting this afternoon • Plan for a Committee meeting following each Systems Engineering Division Meeting
4. 2015 NDIA SE Conference ESOH Track	In Progress	<ul style="list-style-type: none"> • Continued planning and submitted abstracts for the ESOH Track for the 2016 conference • Mr. Gold agreed to speak at the ESOH Track

Defense Acquisition Guidebook Update (DAG) Update

- **ASD(A) initiated the DAG Re-Development Effort in Feb 2016 and tasked all the DAG chapter editors to update their chapter content**
- **Sources of change to the DAG Chapters include:**
 1. **Final DoDI 5000.02 (Jan 7, 2015) and other Fact-of-Life updates**
 2. **BBP 3.0 Service Subject Matter Expert comments**
 3. **ASD(A) standardization guidelines**
 4. **NDIA's Systems Engineering (SE) Standardization Working Group report documenting the mapping between the IEEE 15288.1 SE processes and the DAG C4 SE processes**
- **ODASD(SE) working on a redlined version of the draft DAG C4 based on these sources of change**
- **ASD(A) established a suspense of ~ August 3, 2016 to submit the Final Draft**

BBP = Better Buying Power

IEEE = Institute of Electrical and Electronics Engineers

NDIA = National Defense Industrial Association

DAG Environment, Safety, and Occupational Health (ESOH) Update

- **DoD Acquisition ESOH IPT Principals developed Joint Service inputs**
- **Focus is on areas where OSD / Services have concerns about how current policy is being implemented**
 - **Policy requires use of System Safety methodology in MIL-STD-882E to manage ESOH considerations as an integral part of the program's overall SE process**
 - **MIL-STD 882E provides mandatory process for assessing software contribution to system risk**
 - **Any time an ESOH Risk Level increases the PM must ensure the appropriate management level accepts the new risk level prior to exposing people, equipment, or the environment to the new risk level**
 - **Must also identify and integrate ESOH requirements into the SE process**
 - **Address ESOH during the Technology Maturation and Risk Reduction (TMRR) phase by including program's ESOH plans in the Milestone A SEP**

Environment, Safety, and Occupational Health (ESOH) Committee Meeting

- **NDIA SE Division - ESOH Committee Meeting**
- **Date:** June 22, 2016
- **Time:** 2:30 – 4:00 pm
- **Location:** Booz Allen Hamilton, 1550 Crystal Drive, Arlington-Crystal City, 11th Floor (check-in and badge), then 5th Floor Conference Room 5006 (POC is Karen Gill)
- **Call-in Number:** 877-885-1087; Access Code 5576719407
- **APAN Link:** <https://connect.apan.org/r9ju3yhy99w/>
- **Meeting Agenda:**
 - NDIA ESOH Committee Report
 - Defense Acquisition Guidebook Update
 - NDIA SE Conference – ESOH Track