

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

April 20, 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 May 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"> <li>• Target List ~ 90% completed; goal to publish in 2016</li> <li>• Subset of International Aerospace and Defense Declarable Substances List (AD-DSL)</li> <li>• Chemicals listed by CAS number only</li> <li>• Working on electronic, sortable format for DoD</li> <li>• Addressing inclusion of Pesticides</li> </ul>
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	In Progress	<ul style="list-style-type: none"> <li>• Completed Draft guidance on how to conduct risk assessment on HAZMAT using the MIL-STD-882E methodology – geared towards hazardous materials/chemicals management practitioners</li> <li>• 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</li> </ul>
3. ESOH Committee Meetings	In Progress	<ul style="list-style-type: none"> <li>• Holding ESOH Committee meeting this afternoon</li> <li>• Plan for a Committee meeting following each Systems Engineering Division Meeting</li> </ul>
4. 2015 NDIA SE Conference ESOH Track	In Progress	<ul style="list-style-type: none"> <li>• Began planning and solicited abstracts for the ESOH Track for the 2016 conference</li> <li>• Invited Mr. Gold to speak</li> </ul>

- The European Union (EU) Registration, Evaluation, Authorisation, and Restriction of Chemical Substances (REACH)
- DoD working on update to the "2010 Managing Chemicals, Materials, and Impacts to Readiness from REACH: A Strategic Plan"
- REACH implementation now well underway in EU
- DoD has encountered FMS issues regarding requests from EU customers for:
  - REACH Compliance Statements
  - REACH restricted chemical usage data
- Lots of misinformation and misunderstanding of how REACH applies to DoD and DoD contracts

- **NDIA SE Division - ESOH Committee Meeting**
- **Date:** April 20, 2016
- **Time:** 2:30 – 4:00 pm
- **Location:** Booz Allen Hamilton, 1550 Crystal Drive, Arlington-Crystal City, 11th Floor (check-in and badge) then 5<sup>th</sup> Floor Conference Room 5006 (POC is Karen Gill)
- **Call-in Number:** 877-885-1087; Access Code 5576719407
- **DCS Link:** <https://conference.apps.mil/webconf/March2016ESOHcommittee>
- **Meeting Agenda:**
  - ESOH Committee Report to Systems Engineering Division
  - NAS 411-1 Targeted Materials List Status Update
  - Presentation by David Schulte, ODASD (SE) on industry comments on MIL-STD-882E software system safety requirements and guidance