

## **EXAMPLE Integrated Assessment Schedule (IAS) List of ORION and SMART Functional Areas and Subareas**

- **Business Operations**  
Administration  
Financial Management  
Human Resources  
Procurement & Contract Mgmt  
Small Business
- **Conduct of Operations**  
Communications  
Control Area Activities  
Control of Equipment and System Status  
Control of On-Shift Training  
Equipment and Piping Labeling  
Independent Verification  
Investigation of Abnormal Events  
Lockouts and Tagouts  
Logkeeping  
Notifications  
Operations Aspects of Facility Chemistry  
Operations Organization and Admin.  
Operations Procedures  
Operations Turnover  
Operator Aid Postings  
Required Reading  
Shift Routines and Operating Practices  
Timely Orders to Operators
- **Configuration Management**
- **Diversity Programs**
- **Emergency Management**
- **Engineering**
- **ES&H - Accelerator Safety Basis**
- **ES&H - Criticality Safety**
- **ES&H - Environmental – Environmental Compliance**  
Air Effluent Management  
Water Effluent Management  
Environmental Monitoring  
NEPA  
Environmental Management Systems  
Toxic Substances Management  
Green Buildings & Sustainable Design
- **ES&H – Environmental – Waste Management**  
Hazardous Waste Management  
Radioactive Waste Management  
Solid Waste Management & Pollution Prevention  
Energy & Water Usage Management  
Affirmative Procurement
- **ES&H - Fire Protection**  
Fire Department/Emergency Response  
Fire Suppression/Detection Systems  
Hazards Identification and Control  
Inspection, Testing and Maintenance  
Life Safety/Facility Egress  
Fire Hazards Analysis
- **ES&H - Industrial Hygiene**  
Biohazards  
Bloodborne Pathogens  
Chemical Safety  
Confined Space  
Ergonomics  
Eyewash/Eyewash Station  
Hazard Communication  
HAZWOPER  
Laboratory Standard  
Laser Safety  
Noise/Hearing Conservation  
Nonionizing Radiation  
Occupational Health/Medicine  
Respiratory Protection  
Thermal Stresses  
Toxic and Hazardous Substances  
Ventilation/Local Exhaust
- **ES&H - Construction & Industrial Safety**  
Compressed Gases  
Electrical  
Excavation/Trenching  
Fall Protection  
Hand and Power Tools
- **ES&H - Environmental – Environmental Compliance**  
Vehicle Fleet Management
- **ES&H - Nuclear Safety Basis**
- **ES&H - Radiation Protection**  
Contamination Control  
Entry Control  
Plans & Procedures  
Records & Reports  
Sealed Radioactive Source Control  
Surveys
- **Information Technology (IT)**  
Cyber Security
- **ISM (General)**
- **Maintenance**
- **Packaging and Transportation**
- **Project Management**
- **Property Management**
- **Quality Assurance**  
Program  
Personnel Training & Qualification  
Quality Improvement  
Documents & Records  
Work Processes  
Design  
Procurement  
Inspection & Acceptance  
Testing  
Management Assessment  
Independent Assessment  
Safety Software Quality  
Suspect/Counterfeit Items
- **Safeguards and Security/ISSM**  
Heavy Equipment  
Hoisting and Rigging/Cranes  
Housekeeping/Storage  
Lighting  
Machine Guarding  
Materials Handling  
Personal Protective Equipment  
Powered Industrial Equipment  
Recordkeeping  
Scaffolding  
Stairways/Ladders  
Walking/Working Surfaces  
Welding/Cutting

**Note: This Exhibit includes example Functional Areas and Sub-areas for Use in (1) Identifying Functional Areas covered during assessments and walkthroughs and (2) Trending of Findings.**

The following list provides typical functional areas (in bold font) and further breakdown for some of the functional areas into sub-areas for use in describing what areas are covered in an assessment or walkthrough. The same list of functional areas/sub areas is also used for categorizing/trending of findings that may be identified during an

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assessment or walkthrough. (For example: an Operational Readiness Review (ORR) may cover several functional areas, such as conduct of operations, emergency management, maintenance, industrial safety, industrial hygiene, quality assurance, etc. Findings from the ORR would be in a particular functional area/sub area, such as: Industrial Safety- Hoisting and Rigging/Cranes. Another finding may be in Quality Assurance- Personnel Training & Qualification.)

Note: In order to be effective, trend codes should be consistently applied, and the number of trend codes should be limited.