

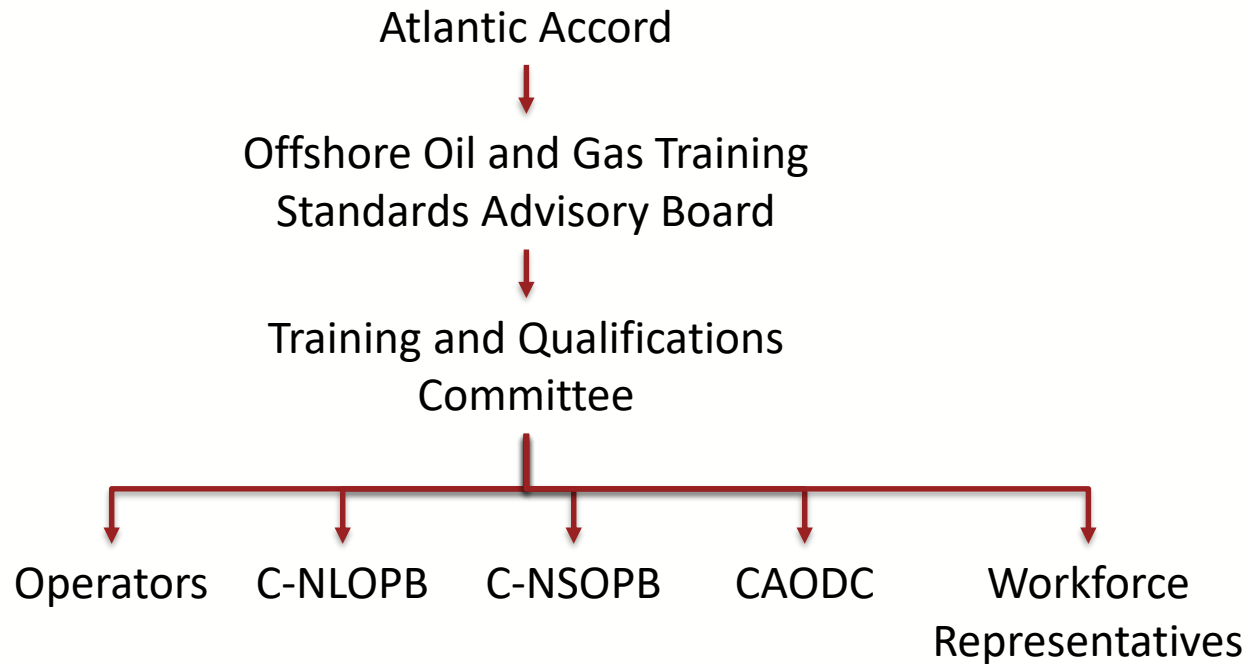


**Training and Competency Response
in Terms of Prevention
C-NLOPB Spill Forum
December 3rd&4th, 2019**

Overview

- **Training and Qualifications Committee (TQC) – Governance**
- **Training Requirements Accompanied by Industry Competency and Skill Development**
- **Improvements to Recognition of Abnormal Situations Training**
- **Prevention through Collaboration, Operational Excellence and Integrity**
- **Wrap up**

Training and Qualifications Governance



Atlantic Canada Offshore Petroleum Training and Qualifications Committee

STANDARD PRACTICE

Atlantic Canada Offshore Petroleum Standard Practice for the Training and Qualifications of Offshore Personnel

November, 2017

Operator Responsibilities

- **Drilling and Production Regulations & Operator management system frameworks**
 - Ensure safe operations to protect personnel and the environment
 - Establish competency assurance programs
 - Role specific requirements identified for each position
 - Appropriate screening, careful selection and placement of qualified personnel
 - Green Hat Programs
 - Operating systems & procedural training – Theory and practical assessments
 - Evaluation of individuals' technical and non-technical skills
 - Remedial activities and continuous improvement
 - Regular Management review

Examples of Individual Operator Improvements in Recognition of Abnormal Situations Training

- Interactive Tabletop exercises - Operations team exercise in a group setting to prepare for potential upset conditions
- Process Safety & You Training - to highlight types of abnormal conditions and weak signals – raise awareness with all workforce in their role in process safety
- Clear Procedures around recognition and management of abnormal or non-routine work situations
- Use of simulation in training and assessment

Examples of Individual Operator Improvements to Recognition of Abnormal Situations Training

- **Low Fidelity Simulation Exercises**
 - Use of Tactical Decision Games
- **High Fidelity Simulation Exercises**
 - Use of process simulator to assess non-technical skills



Conclusion

- Training and Competency offshore in the Atlantic region is governed by the Atlantic Accord and Transport Canada
- The Training and Qualifications Committee develops role-specific requirements for the offshore workforce
- Operators implement training and competency programs to ensure leadership, technical and non-technical skills

Thank you