

## Memorandum

January 28, 2015

**To:** File

**From:** Martha Michels 

**Subject:** Updated FESHM Chapter 4240 – Oxygen Deficiency Hazards (ODH)

The main part of this revision is the new Technical Appendix that includes example calculations. There were also revisions and additions to tables (listed below). There is no change to policy, only revised or modified technical details. This revision was extensively reviewed by Subject Matter Experts.

1. Revised Table 2 failure rates for fans and louvers and added references
2. Added Technical Appendix 4- Standby Ventilation Equipment Failure on Demand Rates and Sample Calculations
3. Case E, stratification of gases is redefined
4. Table 6, duration of approval changed
5. Added contractors to approval procedures
6. Removed references to ODH approval cards
7. Table 5, added area monitoring and notes.

This chapter did not go out for lab-wide review and does not require Directorate approval.

