

### **3.0 EMISSION UNITS**

This chapter of the application provides detailed information for each affected emission unit at Los Alamos National Laboratory (LANL or the Laboratory). An emission unit may be defined as either a specific piece of equipment or a group of similar equipment or processes. Each emission unit is addressed below in a separate subsection. In addition, emission unit information is also presented in Sections 2 through 9 of the New Mexico Environment Department, Air Quality Bureau, Operating Permit Application Forms located in Appendix A. Maps and Technical Area descriptions for the location of the emission units are presented in Appendix B. Source Test data are provided in Appendices C and D. Supporting documentation for emission calculations is in Appendix E.

For each emission unit or source category, this chapter of the application provides detailed information, including, as appropriate:

- General Description of Source Category,
- Operating Schedule,
- Process Flow Diagram,
- Emissions,
- Emissions Control Equipment,
- Applicable Requirements, and
- Proposed Monitoring, Recordkeeping, and Reporting.

This chapter presents the information as required by 20.2.70.300.D NMAC.

LANL is proposing facility-wide allowable emission limits as described in Chapter 2. This chapter presents emission estimates for each emission unit and source category to demonstrate that the facility-wide allowable emission limits are feasible. However, emission limits are not proposed for individual sources or source categories, except for sources that have allowable emission limits already established in construction permits. New proposed emission limits are described in Chapter 2.