

# DOE-ID NEPA CX DETERMINATION

## Idaho National Laboratory

### SECTION A. Project Title: Materials and Fuels Complex (MFC) MFC-753 Compressor Installation

### SECTION B. Project Description and Purpose:

The proposed action would remove the old air compressor, receiver tank, and air dryer, including associated conduit, wiring, and components from the mezzanine, room 121, of building MFC-753 Mobile Shop, and install a new 15-hp reciprocating air compressor, new 240-gal horizontal receiver tank. The old compressor and receiver tank would be disposed. Equipment and piping will be removed and installed per drawings 789079 through 789092. An "EDV-2000 kit" would be installed on the receiver tank, including a safety relief valve, pressure gauge, and electronic drain valve. New electrical circuits would be installed for the new equipment.

### SECTION C. Environmental Aspects or Potential Sources of Impact:

#### Air Emissions

The proposed action has the potential to disturb asbestos containing material.

#### Disturbing Cultural or Biological Resources

MFC-753 is eligible for nomination to the National Register of Historic Places and is considered a Category 3 historic property. Removal and/or changes of original features may adversely impact this historic property; however, the compressor installation project activities as described are exempt and may proceed as described without further cultural resource review. The described project activities fall under exemptions 2 (routine maintenance activities), 6 (safety systems), and 8 (internal reconfiguration of active laboratories) listed in Table 2 (Idaho National Laboratory Cultural Resource Management Office. Idaho National Laboratory Cultural Resource Management Plan. DOE/ID10997, revision 6, Idaho Falls, Idaho: U.S. Department of Energy, Idaho Operations Office, 2016, pg 51).

#### Generating and Managing Waste

Industrial waste may include typical waste such as scrap metal. Any scrap material, if generated, will be recycled or excessed to the extent practicable. Polychlorinated biphenyl (PCB) bulk product waste may be generated from suspect PCB paint on facility components.

#### Releasing Contaminants

All chemicals typically used in construction/maintenance, if used, will be managed in accordance with laboratory procedures. There is the potential for possible disturbance of suspect PCB paint. Approved work controls will be in place to ensure that no releases occur during project activities.

#### Using, Reusing, and Conserving Natural Resources

All material shall be reused and/or recycled where economically practicable. All applicable waste shall be diverted from disposal in the landfill when possible. Project personnel will use every opportunity to recycle, reuse, and recover materials and divert waste from the landfill when possible.

**SECTION D. Determine Recommended Level of Environmental Review, Identify Reference(s), and State Justification:** Identify the applicable categorical exclusion from 10 Code of Federal Regulation (CFR) 1021, Appendix B, give the appropriate justification, and the approval date.

For Categorical Exclusions (CXs), the proposed action must not: (1) threaten a violation of applicable statutory, regulatory, or permit requirements for environmental, safety, and health, or similar requirements of Department of Energy (DOE) or Executive Orders; (2) require siting and construction or major expansion of waste storage, disposal, recovery, or treatment or facilities; (3) disturb hazardous substances, pollutants, contaminants, or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)-excluded petroleum and natural gas products that pre-exist in the environment such that there would be uncontrolled or unpermitted releases; (4) have the potential to cause significant impacts on environmentally sensitive resources (see 10 CFR 1021). In addition, no extraordinary circumstances related to the proposal exist that would affect the significance of the action. In addition, the action is not "connected" to other action actions (40 CFR 1508.25(a)(1) and is not related to other actions with individually insignificant but cumulatively significant impacts (40 CFR 1608.27(b)(7)).

**References:** National Environmental Policy Act (NEPA) Implementing Procedures, Final Rule, 10 CFR 1021, Appendix B to Subpart D, Categorical Exclusion B1.31 "Installation or relocation of machinery and equipment."

**Justification:** The proposed activities are consistent with CX B1.31 "Installation or relocation and operation of machinery and equipment (including, but not limited to, laboratory equipment, electronic hardware, manufacturing machinery, maintenance equipment, and health and safety equipment), provided that uses of the installed or relocated items are consistent with the general missions of the

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receiving structure. Covered actions include modifications to an existing building, within or contiguous to a previously disturbed or developed area, that are necessary for equipment installation and relocation. Such modifications would not appreciably increase the footprint or height of the existing building or have the potential to cause significant changes to the type and magnitude of environmental impacts."

Is the project funded by the American Recovery and Reinvestment Act of 2009 (Recovery Act)     Yes     No

Approved by Jason Sturm, DOE-ID NEPA Compliance Officer on: 5/23/2016