

**DOE-ID NEPA CX DETERMINATION**  
**Idaho National Laboratory**

**SECTION A. Project Title:** Idaho Falls (IF)-688 (Energy Innovation Laboratory [EIL]) B and C Wing Exhaust Access Platforms

**SECTION B. Project Description and Purpose:**

The Energy Innovation Laboratory (EIL), building IF-688, has temporary scaffolds installed around the roof top exhaust fans on wings B and C. These scaffolds are needed to perform maintenance on the exhaust fans. The proposed project would replace the temporary scaffolds with permanent access platforms. The temporary scaffolds would be taken apart, removed from the area, and made available for use in other locations. The new platforms would have decking around the exhaust fans, access ladders, and a guard rail system surrounding the deck. Most fabrication of the platform would be done at the subcontractor's shop.

Estimated Start Date: March 1st, 2016

Estimated Completion Date: April 30th, 2016

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

**Air Emissions**

Emissions from construction activities, including welding, are expected to be minimal. No asbestos work is anticipated. Emissions/fumes from common construction adhesives are anticipated. Emissions from portable generators are not regulated since the generator will be in place less than one year.

**Generating and Managing Waste**

Typical non-hazardous construction waste such as scrap aluminum, carbon steel decking, weld rod stubs, packaging material, etc., would be generated during the project.

**Releasing Contaminants**

Chemicals such as lubricants, adhesives, cleaners, weld rod, welding gases, etc., will be used on the project.

**Using, Reusing, and Conserving Natural Resources**

Aluminum and carbon steel scrap metal will be recycled where appropriate and practical.

**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 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 Jack Depperschmidt, DOE-ID NEPA Compliance Officer on: 2/16/2016