

DOE-ID NEPA CX DETERMINATION
Idaho National Laboratory

SECTION A. Project Title: Idaho Falls (IF)-639 (North Holmes Laboratory [NHL]) Machine Installation

SECTION B. Project Description:

The North Holmes Laboratory (NHL, IF-639) Machine Shop requires several large turning centers and milling machines. The proposed action would relocate five existing machines within the facility, in order to provide sufficient space for two additional (new) turning centers and milling machines. These machines will require electrical feeds and receptacles, as well as compressed air from the buildings existing utilities. The project is expected to be accomplished in the October/November 2014 time frame, at a cost of approximately \$670 K.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Generating and Managing Waste: Typical construction debris such as wood, wire, scrap metal, packaging material, etc., would be generated during the project. All waste would be managed through Waste Generator Services.

Releasing Contaminants: Typical construction chemicals such as adhesives, lubricants, etc., would be used on the project. Associated material safety data sheets must be available. The chemical coordinator would track these chemicals in the Idaho National Laboratory (INL) Comply Plus chemical management system. Chemical use has the potential for small amounts of air emissions and spills. Any spills that occur would be reported to the spill notification team, environmental support, and cleaned up.

Using, Reusing, and Conserving Natural Resources: All materials would be reused and/or recycled where economically practicable and as accepted by the customer. All applicable waste would be diverted from disposal in the landfill where conditions allow. New equipment would meet either the Energy Star or cant New Alternatives Policy (SNAP) requirements as appropriate (see <https://sftool.gov/green-products/0?agency=0>). In addition, the project would practice sustainable acquisition, as appropriate and practicable, by procuring construction materials that are energy efficient, water efficient, are bio-based in content, environmentally preferable, non-ozone depleting, have recycled content, or are non-toxic or less-toxic alternatives.

SECTION D. Determine the Recommended Level of Environmental Review (or Documentation) and Reference(s): Identify the applicable categorical exclusion from 10 Code of Federal Regulations (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: 10 CFR 1021, Appendix B to Subpart D, B1.31 "Installation or relocation of machinery and equipment."

Justification: The proposed action is consistent with categorical exclusion 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.

Go to "Approval Block and Signature Block"

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: 10/20/2014