

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

SECTION A. Project Title: CFA-696 Paint Booth Replacement

SECTION B. Project Description and Purpose:

The spray booth located at CFA-696 (Big Shop) is old, out-dated, and too small. The purpose of this ECP is to address the environmental impacts of replacing the Big Shop's current spray booth with a new, larger, more modern spray booth. The new spray booth will be used to paint and repair damaged fleet vehicles and busses. Demolition of the existing spray booth will require removal of the existing booth, intake and exhaust ductwork, HVAC and air make-up systems, electrical and fire water piping. The new spray booth to be installed is manufactured by AFC Finishing Systems Downflo TRUCK Spray Booth Model DTSD4424 and includes 2 24 inch exhaust fans with non-sparking blades, 2 personnel access doors with observation windows, a complete set of LAMINAR III ceiling filters and a painter's work station. The installation will also include new fire water piping, HVAC and electrical systems.

SECTION C. Environmental Aspects or Potential Sources of Impact:

Air Emissions

There will be no refrigerants involved in the HVAC work associated with this paint booth replacement. Painting and related activities associated with the paint booth have the potential to create emissions. Since the existing paint booth is under a Directors Exemption, and this project is a modification, an APAD will be created to demonstrate emissions associated with this source.

Discharging to Surface-, Storm-, or Ground Water

N/A

Disturbing Cultural or Biological Resources

N/A

Generating and Managing Waste

Waste will be managed at the direction of Waste Generator Services (WGS).

Releasing Contaminants

When chemicals are used during the project there is the potential for spills that could impact the environment (air, water, soil). Some hazardous wastes will be generated from painting activities. The current SAA will continue to be used.

Using, Reusing, and Conserving Natural Resources

Scrap metal will be recycled. Project description indicates materials will need to be purchased or used that require sourcing materials from the environment. Being conscientious about the types of materials used could reduce the impact to our natural resources

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: B1.15 Support buildings

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Justification: B1.15 Support buildings. Siting, construction or modification, and operation of support buildings and support structures (including, but not limited to, trailers and prefabricated and modular buildings) within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible). Covered support buildings and structures include, but are not limited to, those for office purposes; parking; cafeteria services; education and training; visitor reception; computer and data processing services; health services or recreation activities; routine maintenance activities; storage of supplies and equipment for administrative services and routine maintenance activities; security (such as security posts); fire protection; small-scale fabrication (such as machine shop activities), assembly, and testing of non-nuclear equipment or components; and similar support purposes, but exclude facilities for nuclear weapons activities and waste storage activities, such as activities covered in B1.10, B1.29, B1.35, B2.6, B6.2, B6.4, B6.5, B6.6, and B6.10 of this appendix.

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

Approved by Jason L. Anderson, DOE-ID NEPA Compliance Officer on: 06/29/2021