

PMC-EF2a

(20402)

**U.S. DEPARTMENT OF ENERGY
EERE PROJECT MANAGEMENT CENTER
NEPA DETERMINATION**



RECIPIENT: Missouri DNR, Division of Energy

STATE: MO

PROJECT TITLE : MO - IEEP: Onesteel Grinding Systems - Steel Reheat Furnace Recuperator EE Retrofit

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-FOA-000052	EE0000131	GFO-0000131-017	EE131

Based on my review of the information concerning the proposed action, as NEPA Compliance Officer (authorized under DOE Order 451.1A), I have made the following determination:

CX, EA, EIS APPENDIX AND NUMBER:

Description:

- B3.6** Siting, construction (or modification), operation, and decommissioning of facilities for indoor bench-scale research projects and conventional laboratory operations (for example, preparation of chemical standards and sample analysis); small-scale research and development projects; and small-scale pilot projects (generally less than two years) conducted to verify a concept before demonstration actions. Construction (or modification) will be within or contiguous to an already developed area (where active utilities and currently used roads are readily accessible).
- B5.1** Actions to conserve energy, demonstrate potential energy conservation, and promote energy-efficiency that do not increase the indoor concentrations of potentially harmful substances. These actions may involve financial and technical assistance to individuals (such as builders, owners, consultants, designers), organizations (such as utilities), and state and local governments. Covered actions include, but are not limited to: programmed lowering of thermostat settings, placement of timers on hot water heaters, installation of solar hot water systems, installation of efficient lighting, improvements in generator efficiency and appliance efficiency ratings, development of energy-efficient manufacturing or industrial practices, and small-scale conservation and renewable energy research and development and pilot projects. The actions could involve building renovations or new structures in commercial, residential, agricultural, or industrial sectors. These actions do not include rulemakings, standard-settings, or proposed DOE legislation.

Rational for determination:

Missouri DNR, Division of Energy's sub recipient, Onesteel Gridding Systems, proposes to use SEP funding to retrofit the Steel reheat furnace recuperator located at 8116 Wilson Rd, Kansas City, MO.

This project will utilize approximately \$250,000 of SEP ARRA to retrofit the existing natural gas fired steel reheat furnace recuperator. This will entail replacing the recuperator with more appropriate sized equipment to improve fuel efficiency. The recuperator is located within the existing infrastructure of the facility and no work will take place outside of this footprint.

Air:

Onesteel Grinding Systems currently operates with an existing air permit obtained from the Kansas City, Missouri Health Department, Environmental Health Division, Air Quality program (Permit No.09/10-AQ-OP-112, FIPS No. 095, Plant No. 2230). Information obtained from the air quality program states that modification of the permit will not be required.

SHPO:

The facility was constructed between 1975 & 1995. Per the programmatic agreement executed between the state and SHPO (appendix A, D.1.a.), the building is not eligible based on age, less than 45 yrs old.

Waste:

Waste generated from this project will be the remains of steel from the recuperator. Approximately 5 tons of steel and duct work is anticipated to be removed from the facility during the retrofit. The scrap will be recycled through a scrap recycling company and the 3 cubic yards of brick will be disposed of in a permitted landfill.

This project is comprised of retrofitting an existing facility to conserve energy; therefore a CX B3.6 & B5.1 will apply.

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

Eugene Brown 6/8/2011

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature:


NEPA Compliance Officer

Date:

6/17/11

FIELD OFFICE MANAGER DETERMINATION

Field Office Manager review required

NCO REQUESTS THE FIELD OFFICE MANAGER REVIEW FOR THE FOLLOWING REASON:

- Proposed action fits within a categorical exclusion but involves a high profile or controversial issue that warrants Field Office Manager's attention.
- Proposed action falls within an EA or EIS category and therefore requires Field Office Manager's review and determination.

BASED ON MY REVIEW I CONCUR WITH THE DETERMINATION OF THE NCO :

Field Office Manager's Signature:

Field Office Manager

Date:
