PMC-EF2a

(2.04.02)

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

RECIPIENT: Ohio Department of Development **STATE:** OH

PROJECT TITLE : SEP ARRA - Targeting Industrial Efficiency - Reliable Castings Corporation

Funding Opportunity Announcement Number	Procurement Instrument Number	NEPA Control Number	CID Number
DE-EE0000165	EE0000165	GFO-0000165-021	GO0

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:

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:

Reliable Castings Corporation is proposing to use $146,507 in SEP ARRA funding to purchase and install a new stack melt furnace at an existing facility to melt scrap metal in order to meet increased production demands.
The proposed project will occur entirely within the existing Reliable Castings facility. There will be no ground disturbance associated with the proposed project. Truck traffic at the facility will increase to 4 semi-trucks/week. This is a negligible increase in truck traffic as the existing facility is located in an industrial area where truck traffic is common.

The Ohio EPA has issued a final permit to install and permit to operate (Document attached). The documentation includes terms and conditions for the facility and the emissions unit.

Operation restrictions include the following:

(1) The permittee shall burn only natural gas in this emissions unit.

(2) The permittee shall melt no materials other than clean charge and materials generated within the facility (or internal runaround).

(3) The maximum throughput for this emissions unit shall not exceed 0.825 tons* of aluminum per hour.
* The hourly aluminum throughput of 0.825 tons represents the maximum rated capacity for this emissions unit.

These restrictions ensure that the emissions from the proposed unit will not exceed the limits set forth in the terms and conditions by the Ohio EPA. The draft terms and conditions also list the record keeping and monitoring requirements, reporting requirements, and testing requirements.

After a thorough review of the information submitted for the proposed project, it has been concluded that the proposed project will not have a significant impact to human health and /or the environment. Therefore the proposed project is hereby Categorically Excluded under B5.1 "actions to conserve energy."

NEPA PROVISION

DOE has made a final NEPA determination for this award

Insert the following language in the award:

Note to Specialist :

EF2a completed by Logan Sholar

SIGNATURE OF THIS MEMORANDUM CONSTITUTES A RECORD OF THIS DECISION.

NEPA Compliance Officer Signature: _____ Date: 4/5/11

NEPA Compliance Officer

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: _____ Date: _____

Field Office Manager