

# PROJECT CONTROL DOCUMENT – TRP 9913

**PROJECT TITLE:** Development of Steel Foam Materials and Structures

**PROJECT DESCRIPTION:** The objective of the project is to advance the development, characterization, and use of steel foam materials by demonstrating the unique advantages of these novel lightweight materials. Functional performance and material property requirements will be utilized to guide the optimization of steel foam chemical composition, level of porosity, and foam component design.

## PRIMARY RESEARCH ORGANIZATION(S):

Fraunhofer USA  
Center for Manufacturing and Advanced Materials - Delaware  
Newark, DE

**PRINCIPAL INVESTIGATOR(S):** Ken Kremer

**PROJECT PARTICIPANTS:** Bodycote IMT, Inc.  
Crucible Research  
Dofasco  
Fraunhofer USA  
National Steel  
North American Hoganas  
UltraClad Corp.

**PROJECT DURATION:** 42 Months

**PROJECT START – END DATE:** 4/20/01 – 11/1/04

**PROJECT BUDGET (excluding AISI Project Mgmt.):** \$754,279

**TECHNICAL PROJECT MANAGER:** W. Obenchain – AISI, Washington DC

## KEY CONTACTS:

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