

PROJECT CONTROL DOCUMENT – TRP 9757

PROJECT TITLE: Enhanced Inclusion Removal from Steel in the Tundish

PROJECT DESCRIPTION: The objective of the research program is to develop modifications of the tundish design to remove a significant portion of the inclusions from the molten steel. The goal of the project will be to recommend design revisions to the internal tundish architecture through computational fluid dynamics modeling of the steel flow.

PRIMARY RESEARCH ORGANIZATION(S):

University of Alabama
Metallurgical and Materials Engineering Department
Tuscaloosa, AL

PRINCIPAL INVESTIGATOR(S): Dr. Richard Bradt

PROJECT PARTICIPANTS: Acme Steel
Timken Company
Weirton Steel

PROJECT DURATION: 96 Months

PROJECT START DATE: 5/17/98

PROJECT BUDGET (excluding AISI Project Mgmt.): \$860,880

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

KEY CONTACTS:

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