

PROJECT CONTROL DOCUMENT – TRP 9902

PROJECT TITLE: Sustainable Steelmaking Using Biomass and Waste Oxides

PROJECT DESCRIPTION: Conduct preliminary research and develop a flow sheet and economics for a process using wood charcoal and ore or ore waste pellets in a rotary hearth furnace.

PRIMARY RESEARCH ORGANIZATION(S):

Carnegie Mellon University
Department of Materials Science and Engineering
Pittsburgh, PA

PRINCIPAL INVESTIGATOR(S): Dr. Richard Fruehan

PROJECT PARTICIPANTS: Ispat Inland Steel (Phase 1 only)
North Star Steel
USS Research
Weirton Steel
Center for Iron and Steelmaking Research

PROJECT DURATION: 54 Months

PROJECT START - END DATE: 4/1/00 – 10/7/04

PROJECT BUDGET (excluding AISI Project Mgmt.): \$387,042

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

KEY CONTACTS:

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