

# **PROJECT CONTROL DOCUMENT – TRP 9946 / 0425Y**

**PROJECT TITLE:** Properties of Galvanized and Galvannealed Advanced High Strength Hot Rolled Steels

**PROJECT DESCRIPTION:** The technical hurdles for implementation of galvanized and galvannealed advanced high strength hot rolled steels are (1) achievement of good quality coatings while retaining target mechanical properties, (2) lack of precise knowledge of the behavior of these steels in the various forming operations and (3) development of accurate user property data in the galvanized and galvannealed conditions. The objective of this project is to develop the required coating process information, formability and user property data for advanced high strength hot rolled grades of steel.

## **PRIMARY RESEARCH ORGANIZATION(S):**

Canada Centre for Mineral and Energy Technology (CANMET)  
Materials Technology Laboratory  
Ottawa, Quebec Canada

McMaster University  
Hamilton, Ontario Canada

McGill University  
Montreal, Quebec Canada

International Lead Zinc Research Organization (ILZRO)  
Durham, NC USA

Noranda Inc.  
Toronto, Ontario Canada

**PRINCIPAL INVESTIGATOR(S):** Dr. Sylvie Dionne  
CANMET

**PROJECT PARTICIPANTS:** Severstal N. A.  
Stelco, Inc.  
US Steel

**PROJECT DURATION:** 24 Months

**PROJECT START DATE:** 6/28/05

**PROJECT BUDGET (excluding AISI Project Mgmt.):** \$288,973

**TECHNICAL PROJECT MANAGER:** Bill Obenchain – AISI Washington, DC

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