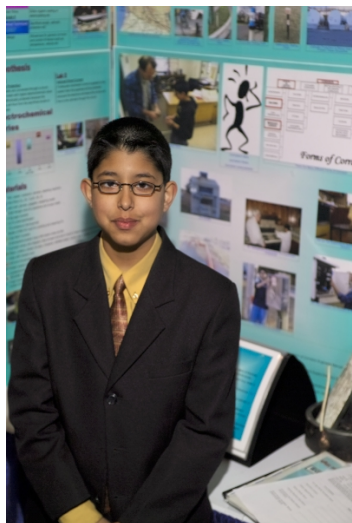


CWSF 2005 - Vancouver, British Columbia



Tamiz Ibrahim

Cathodic Protection

Division: Engineering & Computing Sciences

Category: Intermediate

Region: Calgary Youth

City: Calgary, AB

School: Sir John A. MacDonald Jr. High School

Abstract: Metal pipelines are susceptible to corrosion and while the presence of a coating will reduce the amount of corrosion, only the application of cathodic protection will guarantee that corrosion will be controlled. Research shows that in Canada, corrosion expenses are \$6 billion dollars a year. This is a shocking statistic but the fact is that most of the corrosion related problems are preventable.