Examples of recent ICE projects

ICE DRAGON CORROSION

PROJECT	CLIENT TYPE	LOCATION	SCOPE OF WORK	DATE
Corrosion Control Plan for new-build gold mine in the Arctic	Gold Mine	Canada	Technical de-risking of gold mine design where process water has high salinity. Provision of management plan to ensure corrosion risk is managed throughout operations.	Current
Canada-wide corrosion research program for concentrate shipping	Mining Association	Canada	ICE is providing specialist research program direction for a project involving a number of mining companies where we are examining regulatory requirements for corrosivity of mineral concentrates in shipping.	Current
International expert panel	Mining Association	UK	ICE represented Canada in providing expertise for an international panel to discuss efforts around corrosivity of mineral concentrates in shipping.	Feb 2016
Design of material and coating screening test for high temperatures	Gold Mine	Dominican Republic	Literature review and design of in-situ material and coating testing and recommendations for selection of replacement autoclave component.	Oct 2015
Cathodic protection for coal terminal marine structures	Coal Terminal	Prince Rupert, Canada	Field condition inspection and data review for replacement of cathodic protection for submerged coal terminal marine structures.	Aug 2015
Commissioning of cathodic protection system for buried structure	Buried structures	Maryland, USA	Onsite commissioning testing to ensure the performance of a newly installed buried steel structure.	Jun 2016
Corrosion testing design for the use of a new material in potable water	Potable water components	Santiago, Chile	Design of initial lab testing for defining the corrosion performance of a new material for potable water applications.	May 2016
Expert witness support for reinforced concrete building	Coastal Building	Florida, USA	Onsite inspection of reinforced concrete coastal building to determine the extent and cause of corrosion and the performance of a cathodic protection system to select structural elements.	Mar 2016