## **Abbreviations**

CP Cathodic protection

CSA Canadian Standards Association

DNV Det Norske Veritas

ECDA External corrosion direct assessment

ESD Emergency shutdown
ESDV Emergency shutdown valve
HSE Health, Safety, and Environment
HIC Hydrogen-induced corrosion

ID Internal diameter

IMP Integrity management program
 IGE Institute of Gas Engineers
 MOC Management of Change
 MOP Maximum operating pressure

MAOP Maximum allowable operating pressure

NDT Nondestructive testing
NDE Nondestructive examination

NACE National Association of Corrosion Engineers

OD Outer diameter PE Polyethylene

KPI Key performance indicator PSV Pressure safety valve

ROW Right of way

SCC Stress corrosion cracking

SCADA Supervisory control and data acquisition