

Developing a Visual Inspection Program for Pressure Relief Systems—Case Study

Rick Marsden, EnCana

Pressure relief devices provide the last line of defense to prevent overpressure situations in pressure vessels and pressure piping systems. It is therefore critical that they are designed, installed and maintained properly. During 2009, EnCana embarked on an intensive PRD visual inspection program. The program involved the inspection of more than 12,000 PRD's and led to the creation of a new corporate Recommended Practice for new and existing PRD installations. This presentation explains the process taken to develop the program and summarizes the results of the inspections.