



Application Article 220

Version 1.0 14 January 2010

GasCheck G Detects Helium Leaks at Energy and Mining Sites

Industries: Energy and Mining

Application: On-Site Servicing / Leak Detection

Location: Australia

Introduction

JAVAC Pty Ltd, Australia, has recently sold a number of GasCheck G instruments to a Power Station, Electrical and Leak Detection Company.

JAVAC are specialists in the vacuum and refrigeration process industry, supplying leak detectors to the automotive, industrial, laboratory and refrigeration sectors.

Application

GasCheck G1 and G3 instruments were selected to detect helium leaks for on-site service technicians working at energy companies and mining sites.

Within this application, the customer required an on-site portable leak detector to be readily available in service vehicles, enabling technicians to detect leaks immediately.

Helium Detection

Helium is colourless, odourless, tasteless and non-toxic, ideal for use as a tracer gas. Helium diffuses through solids at 3 times the rate of air and penetrates through the smallest of gaps, making it easily detectable.

Why GasCheck G Was Chosen

The handheld, portable GasCheck G allowed the technicians to have the instrument on-hand to detect gas leaks without having to return back to base, saving both time and money.



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GasCheck G was chosen over competitive products due to its accuracy and sensitivity. Its advanced sensor technology and durability were key factors during the selection process.

GasCheck G

Designed for the search and location of gas leaks, GasCheck G has an advanced micro thermal conductivity sensor for fast, effective detection of leaks down to cc/sec, g/yr, mg/m³ or ppm levels.

Robust and reliable, GasCheck G provides stable, repeatable readings of the detected gas. The instrument's LCD display, LED indicator and audible sounder clearly indicate the leak present. GasCheck G automatically zeros to the ambient air around it when switched on and is ready to detect immediately.

For more information contact Ion Science:

E-mail: info@ionscience.com

www.ionscience.com

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