

Application Article 223

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Argon leak detection at aluminium casting process plant

GasCheck G1 Detects Argon Leaks in Nissan Motors Aluminium Casting Process Plant

Application: Argon Leak Detection at Aluminium Casting Process Plant

End User: Nissan Motors

Location: Sunderland, UK

Ion Science Distributor: Javac, UK

Introduction

JAVAC Ltd, has recently sold a GasCheck G1 to Nissan Motors, Sunderland, UK to detect argon leaks.

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

Application

The Nissan Factory in Sunderland required a handheld gas leak detector for the detection of argon leakage for use in their aluminium casting process plant.

The castings are complex and require argon to be used in the process which stops oxidation and porosity, which are fuel manifolds that must be gas tight.

Why GasCheck G1 Was Chosen

GasCheck G1 was selected as it was the only handheld instrument capable for use within this application able to find argon leaks in the supply line.

An advantage of the GasCheck G1 was the visual bar reading which was useful when being used within a noisy processing plant. The customer also needed the instrument very quickly which Ion Science and JAVAC were able to fulfil, supplying the instrument within just a few days which was a great help.

Ion Science would like to thank distributor JAVAC for their efforts on this sale and continued success selling Ion Science products.

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