

# Application Article 227

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## Ion Science MVI is an important instrument used by No Heat resources a company involved in large scale Mercury and hydrocarbon decontamination of oil and gas sites across the globe.

**Application:** Mercury Decontamination

**End user:** No Heat Resources

**Location:** Singapore

### Introduction

No Heat Resources specialises in the decontamination of Oil & Gas / Petrochemical facilities globally. The company has developed patented chemicals to absorb Mercury and hydrocarbons from the environment and process equipment.

Recently No Heat Resources has adopted the Ion Science MVI as their primary mercury detection and measuring instrument. The MVI has been adopted for both their work in decontamination of sites contaminated with Mercury and is the instrument recommended by No Heat for adoption into a company's mercury management plan.

### Application

No Heat had previously used the Arizona Instruments Jerome series mercury detection instrument for their decontamination work. However recently were concerned with the Jerome's accuracy and have long been disappointed with the instruments down time.

Since the adoption of the Ion Science MVI, No Heat resources has operated the instrument on a wide variety of plant shut down, mercury risk assessments and decontamination of Oil & Gas facilities. No Heat have found the MVI to be very reliable, accurate and easy to use. No Heat also are impressed that the MVI does not saturate when exposed to high levels of mercury and does not need to regenerate after exposure to mercury eliminating the down time.

### Why MVI Was Chosen

The Ion Science MVI has been an important instrument for measuring Mercury in the UK for over 20 years and the recent launch into the international market has been very successful. No Heat decided to trial the unit with an initial order for two units and has found the MVI to meet their objectives exceptionally well. The good performance of the MVI has lead to the implementation of the MVI as their standard mercury detection and measuring tool. Along with this the MVI is being recommended to all of their customers as the best instrument to have on hand as a part of their mercury management plan.

"The MVI is accurate , reliable , easy of use, has no down time due to regeneration and no effects of saturation when high concentrations of Mercury are measured – which is vital in our operations". – Says Ryan Crowe – Director of No Heat Resources.



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