



Making Better Use of Personal Gas Monitor Information

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Making Better Use of Personal Gas Monitor Information: Contents



- Background & Introduction

Gas monitoring technology has advanced significantly over the past 20 years. Features once thought of as optional extras are now commonly included and the opportunity to use data in more a pro-active way has never been greater.

- A quick look at some examples
- What features are adding value and how can they be used ?
- What are we learning ?
- How can we make better use of gas monitoring data ?
- Discussion & questions

Making Better Use of Personal Gas Monitor Information: Examples



Company	Web Link
BW Technologies	www.gasmonitors.com
Crowcon	www.crowcon.com/
Dräger	www.draeger.co.uk/UK/en/
GMI	www.gmiuk.com/
Honeywell Analytics	www.honeywellanalytics.com
Industrial Scientific	www.indsci.com/
MSA	www.msabritain.co.uk/
Quest Technologies	www.questtechnologies.com/
RAE Systems	www.raesystems.eu/
Sperian	www.sperian.com



Making Better Use of Personal Gas Monitor Information



- What features are adding value and how can they be used ?
 - logging data/events & data analysis
- What are we learning (besides people & instruments not being perfect) ?
 - Patterns of behaviour and how to avoid potentially catastrophic consequences i.e. how they are really used (calibrated, bump checked, switched on/off, alarms)
 - Example 1: H₂S exposure: repeatedly retreating & returning
 - Example 2: Multi-gas unit in confined space - switched off after first few minutes until next entry test.
 - Exposure patterns & trends relevant to industrial/occupational hygiene
- How can we make better use of gas monitoring data ?
 - moving to more pro-active data analysis & understanding real life practice (and managing that information)

Making Better Use of Personal Gas Monitor Information: Thank you



- any questions?
- & discussion

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- Useful references:
 - Industrial Scientific Corporation
www.indsci.com (look at “Learn More About Gas Detection” & paper on “Why Bump Testing Saves Lives”)
 - Occupational Health & Safety
<http://ohsonline.com> (search on “gas exposure tracking”)