

Please forward for the attention of: «First» «Middle» «Last»



Process Safety Consultancy & Testing

Standard Testing Turnaround 7-10 days

ISO/IEC 17025
Accredited
Fire & Explosion
Testing Laboratory
for Dusts, Gases
and Vapours

Technical Newsletter – April 2021

- **Quality Laboratory Test Data**
- **Are You Sure of Your Process Safety Competence?**
- **FREE Webinars:**
 - **Process Safety Leadership and Corporate Responsibility**
 - **Understanding and Eliminating Electrostatic Hazards**

Quality Laboratory Test Data

You will already be aware of Sigma-HSE's testing capabilities whether for flammability data or chemical reaction hazard data and our proven expertise. As with everything in life, data is one thing, but you need to ensure that data becomes understood and usable information. The first step in this endeavour is assuring yourself that the data is correct.

Rest assured – the testing undertaken by Sigma-HSE is carried out in regularly calibrated state-of-the-art equipment by fully competent professional staff. Appropriate testing standards (BS EN, ASTM etc) are adopted in full, and all the testing work is covered by our Testing Laboratory quality management system – something often lacking in other testing houses. Therefore, the testing results we provide are validated, accurate and reproducible.

The second step is ensuring the test data is understood and used correctly within your industrial plant and processes. Combining test data with our professionally competent process safety consultants, means we can provide the full solution – ensuring your process plant is not only compliant with the law but effective and safe also.

Please email us with your interest to safety-india@sigma-hse.com or call us on **+91 (0)11 4356 5446**.



*Dr Andrew Fowler,
Sigma-HSE Director -
Technical and Operations.*

*Discover more about
Dr Fowler [here](#).*



MIT Apparatus

Are You Sure of Your Process Safety Competence?

Over the past few years, the UK HSE has placed greater emphasis around competence in the process industries. This is not just concentrated at the competence of individuals but corporate organizational competence.

Gone are the days when the training matrix (training requirements mapped against a job role description) was a satisfactory demonstration that staff were competent.

The focus now is on competence assurance. The burden of proof has changed from 'I think my people are competent - I know my people are competent - I know my people are competent and I can prove it'. This requires a lot more effort.

You must start asking pertinent questions, probing awareness, and understanding, while assessing the answers and recording it.

Corporate competence is another issue. It deals with ensuring the organization remains competent. This sends its tendrils into recruitment, knowledge management and succession planning. This is to prove the organization can remain competent going forward.

The trick to make this exercise efficient is to focus on the critical tasks and information from a safety perspective. Sigma-HSE process safety consultants can help determine the critical aspects and develop competence management systems that will satisfy the Regulators.



FREE TECHNICAL WEBINAR

Process Safety Leadership and Corporate Responsibility

When: 16th April 2021, 11AM BST

Where: Online, just register for free [HERE](#).

Grab yourself a cup of coffee and join us for our next free webinar:

Process Safety Leadership and Corporate Responsibility.

Learn more about the topics that are currently trending amongst the commercial and regulatory process safety worlds. Find out how leadership and process safety culture has changed and what we expect to see happen post-pandemic. We'll also discuss the importance of Process & Instrumentation Diagram's (P&IDs) and how they're becoming increasingly overlooked.

What you'll learn:

- How and why senior executive training is becoming ever more critical to your process safety success.
- Why competency assurance should be a primary focus for your organisation.
- What happens when you let safety elements slip through the cracks and how this effects your process safety strategy.

You can submit any specific questions by emailing us at info@sigma-hse.com.

Register Now!

Registration is free for the [event](#). Please register with the **link above** or contact us on **+44 (0)1962 840570** or email on info@sigma-hse.com.

If you have a colleague that might benefit from attending this webinar, please forward this notice to them. Everyone who registers will receive a link after the event to view the recording.

Technical Presenter



Dr Andrew Fowler,
*Sigma-HSE Director -
Technical and Operations.*

*Discover more about
Dr Fowler [here](#).*

FREE TECHNICAL WEBINAR

Understanding and Eliminating Electrostatic Hazards

08 April 2021 – 1530hrs to 1630hrs (IST) – **Reminder**

Electrostatic discharges can act as a source of ignition resulting in fire or explosion. Electrostatic charging can occur when solids or liquids are in contact and move relative to other materials or by induction. This occurs in many industrial processes for example pneumatic conveying, pumping, dispensing operation, centrifuging, mixing, etc. All operations are susceptible to charge generation, however, if charges are allowed to accumulate and discharge, an electrostatic hazard may arise in the presence of a flammable atmosphere. Even electrostatic sparks that are far too small to be felt by people can ignite many industrial substances in the form of dust clouds, gases or vapours. The consequences of a fire or explosion can range from disruption of production to injury or fatality of personnel, loss of plant and damage to your brand reputation.

Register Now!

This [webinar](#) will provide an understanding of:

- Understanding Electrostatic Charges and the hazards they present
- Types of Discharges and their relevance to explosive atmospheres
- Measures and Good Engineering Practices to eliminate electrostatic fire and explosion hazards.

Registration is free for the above [event](#), so please email us with your interest to safety-india@sigma-hse.com or call us on **+91 (0)11 4356 5446**.

If you know of any colleagues who would also be interested in attending, please forward this email to them.

Kind Regards,

Naresh Kumar – Director

To unsubscribe from this information service please reply with UNSUBSCRIBE in the subject field.

DISCLAIMER

This e-mail, and any associated attachment(s), is confidential and may contain personal views which are not necessarily the views of Sigma-HSE Ltd, unless specifically stated. If you have received this email in error, please notify the sender and delete it from your system and do not use, copy or disclose the information in any way nor act in reliance on it.



PRESENTER



Sunil Deshmukh
Manager - Technical

WHO SHOULD ATTEND

HSE Directors / Manager, Process and HSE Professionals, Plant Managers, Project Managers and Risk Assessors from Pharmaceutical, Manufacturing, Bulk and Fine Chemicals, Oil and Gas and other, will gain insight from attending.

Sigma-HSE (India) Pvt Ltd.

1008-1009, Mercantile House
15. KG Marg, Connaught Place
New Delhi 110001, India
Tel: +91 (0)11 4356 5446

Web: www.sigma-hse.com

Email: safety-india@sigma-hse.com

Sigma-HSE (UK) Ltd,

Unit 2, Moorisde Point, Moorside
Road, Winchester
Hants., SO23 7RX, UK.

Tel: +44 (0)1962 840570

Email: info@sigma-hse.com

Web: www.sigma-hse.com

