

# Training for addressing **Human Factors** issues in Process Safety and **COMAH** reviews

**Human Factors is recognized as a key topic for addressing safety in the oil, gas, onshore chemical plants, pharmaceutical manufacturing and power generation sectors.**

**This course covers all the topics necessary to produce the human factors analyses to satisfy COMAH safety report submissions, together with guidance on producing the associated procedures and competency management documentation based on these analyses.**

**Human Reliability Associates** offer a comprehensive training programme in Human Factors in Process Safety. This includes hands-on workshops and case studies based on our extensive practical experience over the past 34 years. The course can be taken as individual days, two day modules or as a complete, integrated four day course.

## **Trainers**

The courses will be given by Dr David Embrey (Managing Director), Jamie Henderson and Neil Hunter with more than 50 years of collective experience.

## **Course module content**

**Module 1:** • Introduction to human factors (HF) • Predicting and preventing Slips, Mistakes and Violations • HF in process plant design • Addressing HF in Major Accident scenarios for COMAH safety reviews • Task and error analysis tools and techniques.

**Module 2:** • Human failure identification, identifying and improving factors affecting error probability • Using task and error analysis to develop 'Risk Aware' Procedures and Competency management • Shift handovers, staffing levels and safety critical communication • Incident investigation methods • Quantifying human error probabilities for QRA.

**Booking a place:** for information about the current course dates contact us using the details below.

**T: +44 (0)1257 463121**

**E: [dembrey@humanreliability.com](mailto:dembrey@humanreliability.com) [www.humanreliability.com](http://www.humanreliability.com)**

1 School House, Higher Lane, Dalton, Wigan, Lancashire, WN8 7RP, UK.



[www.youtube.com/humanreliabilityassociates](http://www.youtube.com/humanreliabilityassociates)



## **Recent feedback endorsed the quality of our training:**

- "Presenters were subject matter experts and have a real skill for delivery of this content in a clear, concise and professional way"
- "Good speakers with experience and communication skills"
- "Very interesting content and great presentation skills"
- "Speakers were knowledgeable, helpful and interactive"

## **Fees (excluding VAT)**

Single days	£750
Single module (Two Days):	£1000
Complete Course (Two Modules-4 days):	£1800

(Payment must be made via a single invoice).



**human  
reliability**

Specialists in Human Factors



REGISTERED CONSULTANCY