

SCTA Course – March 2021

Learning objectives

- Be able to facilitate Safety Critical Task Analysis (SCTA) projects, workshops & walkthroughs
- Understand regulatory context
- Identify different the four types of human failure and what to do about them
- Be able to apply task analysis best practices
- To understand and apply failure and PIF (Performance Influencing Factors) analysis
- Awareness of practical hints and tips for successful workshops and walkthroughs
- Good grasp of SCTA outputs, i.e. SCTA report, procedures and competence standards
- Explore the ways in which these methods can achieve production and quality objectives



What does our blended online learning involve?

This course includes over 20hrs of video talks, quizzes, activities, workshops and webinars. Participants will engage with a detailed road tanker offloading case study as part of the course, which has a high degree of vulnerability to different types of human failure.

Overview of programme

Everyone starts with the mini-course as a precursor, this gives an overview and flavour of the course while allowing participants to check they can access to the platform. Participants have a choice of two streams: **Intensive** and **Extended**. They can also attend multiple webinars if they want more support and discussion or it suits their timetable. Most of the material is self-directed and flexible. Everyone comes together in the webinars to discuss learning. Webinars are fixed, groupwork will need to be coordinated between individuals.

Stream 1: Intensive	Week 0 Mini-course	Monday 1 st March Kick-off Webinar A	Tuesday 2 nd March	Wednesday 3 rd Mach	Thursday 4 th March	Friday 5 th March
	Kick-off + 1 week	Monday 8 th March Modules 1-3 Webinar B	Tuesday 9 th March Module 4 Webinar C	Wednesday 10 th Mach Module 5 Webinar D	Thursday 11 th March Modules 6-8 Webinar E	Friday 12 th March Modules 9-10 Webinar F

5 weeks	Week 0	Week 1 w/c 1 st March	Week 2 w/c 8 th March	Week 3 w/c 15 th Mach	Week 4 w/c 22 nd March	Week 5 w/c 29 th March
Stream 2: Extended	Mini-course	Modules 1-3 Webinars A&B	Module 4 Webinar C	Module 5 Webinar D	Module 6-8 Webinar E	Modules 9-10 Webinar F

Modules

1. Human Factors for Process Safety
2. Overview of Safety Critical Task Analysis
3. Human Failure and non-compliance
4. Foundations of task analysis talks
5. Task analysis: industry case study workshop
6. Failure and PIF analysis (a) foundation
7. Failure and PIF analysis (b) demos
8. Failure and PIF analysis (c) workshop
9. Practical advice on running workshops and walkthroughs
10. SCTA outputs and impact talks

Course includes

- Six live webinars with experienced trainers from HRA.
- Groupwork feedback on task analysis, failure analysis and PIF analysis.
- Access to the Human Reliability Academy SCTA course materials for two months, until 1 May 2021.
- Access to the Human Factors Risk Manager (HFRM) software for two months, until 1 May 2021. This is a useful teaching aid. SCTA can be done without the software but it is more efficient and effective with it.

Bonus material

- Screening of 'Fall from Grace' video [during course]
- Safety critical task identification and prioritisation [recorded webinar]
- Adv use of the HFRM tool: rating PIFs, quantification, incident analysis [recorded webinar]
- Embedding SCTA in an organisation [recorded webinar]

Testimonials

- *"The Safety Critical Task Analysis course delivered remotely by HRA Ltd. covered all the elements of SCTA that I wanted out of the course and also provided some very useful hints and tips. The use of video and webinars offers a very effective and productive way of delivering training on this topic and we will be looking to make greater use of this in the future."* Dylan Peters, Snr Staff HES Engineer, Valero Pembroke Refinery.
- *"This is a course all [Major Hazard Industries] in Singapore should consider as it helps participants acquire the needed knowledge, not only to drive human reliability improvement, but also to meet the Human Factors aspect of the local Safety [Regulations]."* Process Safety Manager
- *"Flexible modular course focussed on HF & SCTA with use of practical examples to enable HSE professionals, operations and engineers get onto the first rung of the SCTA ladder to improve task based procedures and competence assurance - a must for anyone working on a MAH site."* HSE Manager

Costs

- Discount rate before 15th February 2021: £1,250 + VAT per delegate.
- From 16th February 2021: The cost of the course is £1,500 + VAT per delegate.
- Organisations booking 5 or more delegates on to the course can claim a 10% discount.

Contact

Please contact us to sign-up or if you have any questions.

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