



HEALTH, SAFETY AND SECURITY TRAINING

Human Factors Analysis for Incident Investigation

5 day course

Classroom, online or in-house

Course overview

People do not come to work intending to cause an incident, and an investigation that concludes somebody was careless has usually described the outcome rather than explained it. This course covers analysing the human contribution properly. Delegates work through how attention, memory and decision making behave under fatigue, time pressure and high workload, the difference between a slip, a lapse, a mistake and a violation, and why the conditions that produce each are different. Task and workload analysis, interface and procedure design, and the organisational factors that shape behaviour are applied to real incident material. The course closes on writing human factors findings without producing an account that reads as blame.

What you will learn

- Explain how attention, memory and decision making degrade under real conditions
- Distinguish slips, lapses, mistakes and violations and their different causes
- Apply task and workload analysis to an incident
- Assess interface, procedure and workplace design as contributing factors
- Identify the organisational conditions that shaped the behaviour
- Write human factors findings that explain rather than blame

Who should attend

- Incident investigators and safety practitioners
- Human factors and ergonomics specialists
- Operations supervisors and control room managers
- Risk and reliability engineers
- Training and competence managers

Course outline

- 01 Human performance under fatigue, pressure and workload
- 02 Slips, lapses, mistakes and violations
- 03 Task analysis and workload assessment
- 04 Interface, procedure and workplace design
- 05 Situation awareness and its loss
- 06 Organisational conditions that shape behaviour
- 07 Applying the analysis to real incident material
- 08 Writing findings that explain rather than blame

Upcoming dates

Dates	Venue	Format	Fee per delegate
5 to 9 September 2026	Maseru, Lesotho	Classroom	R11,995
13 to 17 September 2026	Dubai, UAE	Classroom	R11,995
16 to 20 September 2026	Nairobi, Kenya	Classroom	R11,995
16 to 20 October 2026	Maseru, Lesotho	Classroom	R11,995



Fees and how to register

Online **from R6,500** per delegate, classroom **from R11,995** per delegate, in-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriscience.co.za, or WhatsApp us on **+27 63 479 1136**.

AfriScience Group | +27 61 536 6531 | info@afriscience.co.za | Pretoria, Gauteng, South Africa