



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
7 to 11 December 2026	Online	Online	R8,500
14 to 18 December 2026	Cape Town, South Africa	Classroom	R19,950
21 to 25 December 2026	Gaborone, Botswana	Classroom	R19,950
28 December 2026 to 1 January 2027	Accra, Ghana	Classroom	USD 1,325



Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** in the classroom elsewhere in Africa. 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**.

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