



EMERGING TECHNOLOGIES TRAINING

Connected Worker Technology and Industrial Wearables

3 day course

Classroom, online or in-house

Course overview

Frontline workers are the least digitally equipped people in most industrial organisations, and the systems that hold the information they need are designed for somebody sitting at a desk. This course covers closing that gap. Delegates work through the connected worker case including procedures, permits and inspections delivered at the point of work rather than on paper carried from an office, device selection for hands busy and gloved conditions, and the intrinsically safe requirements that apply in hazardous areas. Wearables for location, proximity and fatigue monitoring are covered, along with the consent and privacy questions they raise, which are the reason many deployments fail. Connectivity underground and in remote plant is addressed. The course closes on adoption and on measuring whether the work got better.

What you will learn

- Make the case for equipping frontline workers digitally
- Deliver procedures, permits and inspections at the point of work
- Select devices suited to gloved hands and industrial conditions
- Apply intrinsically safe requirements in hazardous areas
- Deploy location, proximity and fatigue wearables appropriately
- Address the consent and privacy questions monitoring raises
- Solve connectivity underground and in remote plant, and measure benefit

Who should attend

- Operations and digital transformation staff in industry
- Safety officers evaluating monitoring technology
- Maintenance and reliability teams
- Information technology staff supporting field operations
- Union and employee representatives consulted on monitoring

Course outline

- 01 The least equipped people in the organisation
- 02 The connected worker case
- 03 Procedures and permits at the point of work
- 04 Device selection for industrial conditions
- 05 Intrinsically safe requirements
- 06 Location, proximity and fatigue wearables
- 07 Consent, privacy and why deployments fail
- 08 Connectivity, adoption and measuring benefit

Upcoming dates

Dates	Venue	Format	Fee per delegate
12 to 14 October 2026	Online	Online	R6,500
25 to 27 November 2026	Pretoria, South Africa	Classroom	R14,950
30 November to 2 December 2026	Maputo, Mozambique	Classroom	USD 995
6 to 8 January 2027	Johannesburg, South Africa	Classroom	R14,950



Fees and how to register

This 3 day course is **R6,500** per delegate online, **R14,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 995** 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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