Smart kit. Smart questions.

Smart PPE pilot decision sheet



Illustrative image – not product or certification evidence.

TL;DR / WHAT MATTERS

1. Connected features add information; the underlying PPE still needs to provide the required protection.
2. An alert is useful only when somebody can receive it, understand it and take timely action.
3. Battery loss, poor connection, false alarms and device failure need an agreed fallback.
4. Worker data needs a defined purpose, access rules and responsible privacy review before a pilot.

Ready for the real task?

Start with the problem and test the response system, not just the sensor.

Task / workplace

Reviewer / team / date

Tick ready items. Record each gap or N/A on page 3; assign actions on page 4.

- [ ] The safety problem and measurable purpose of the pilot are defined.
- [ ] The underlying PPE protection and compatibility remain suitable.
- [ ] A responsible person knows who receives an alert and how they respond.
- [ ] Battery, connection loss, false alarms and device failure are considered.
- [ ] Workers understand the proposed use and can give practical feedback.
- [ ] A responsible privacy or legal lead has reviewed personal-data use.
- [ ] Maintenance, updates, support and replacement ownership are assigned.
- [ ] Success criteria and a fallback plan are agreed before the pilot.

KEEP IN MIND

A sensor does not prove protection, fit or a reliable rescue response. Do not assume employee consent alone settles data-protection requirements.

Put it to work.

ASK THE TEAM

What useful action will happen after the device raises an alert?

Record evidence, wearer feedback and unresolved gaps. Use a separate assessment where more detail is needed.

Problem / baseline / pilot objective

Device and underlying PPE evidence

Alert recipient / response / response time

Failure modes / fallback arrangements

Data purpose, access and review owner

Trial result / worker feedback / decision

Action plan

CONTROL – ASSIGN – REVIEW

1. Define one measurable safety problem and agree how success will be judged.
2. Test alert receipt, response and failure arrangements in a safe controlled pilot.
3. Review worker feedback, maintenance needs and data handling before deciding to scale.

OUR PRIORITY ACTION

Owner: _____ Due: _____

Review date: _____ Checked by: _____

Evidence it worked / remaining gap:

READ MORE / TECHNICAL REFERENCES

PPEQuest: Smart PPE - the future of safety?

HSE / Selecting PPE for the hazard

Sources checked 26 Oct 2026. Planning aid: confirm local requirements, product instructions and competent assessment. Not a certificate.