

BI-01S.50 Introduce technology to support existing fatigue management approaches

Expectations

If new technology is introduced, it improves fatigue management.

Specify

Site review and planning to consider technology to support existing fatigue management approaches follows this sequence:

1. Carry out a baseline assessment of existing mobile equipment fatigue control effectiveness;
2. Assess the potential benefits of new technology to support or replace existing fatigue management controls for mobile equipment operators;
3. If new technology is considered, establish functional and performance requirements for technology vendors that confirm:
 - What the technology does;
 - What the technology does not do;
4. Review if the introduction of new technology can result in new situations and circumstances that can cause mobile equipment fatalities, e.g. through changes in operator behaviour:
 - Identify business and operational processes that prevent or mitigate the development of these situations and circumstances
 - Include these processes in the technology implementation plan
5. Prepare the business case for the technology investment;
6. Prepare an operational implementation plan;
7. Confirm how the new technology can provide information to improve site operations.