

BI-05P.05 Skilled and experienced personnel are accountable for determining the operating parameters for mobile equipment use

Expectations

Mobile equipment is designed/selected to meet operational requirements (people, infrastructure and site) and operates within its design parameters

Specify

Decisions on equipment operating parameters consider

Operating conditions:

- Type of surface
- Condition of surface
- Road gradient
- Road camber or profile
- Turn radii
- Quarry or underground
- Type and condition of dumping and loading areas
- Climate and season (and associated road watering/maintenance requirements)
- Operator constraints/requirements

Routine operations:

- Average and maximum speeds
- Maximum wheel load
- Average load

- TKPH
- Weight distribution - load stability and security
- Cycle length - empty and laden
- Shift duration
- Number of cycles per shift
- Mix and numbers of vehicles to deploy (as for short-term planning)

Periodic duty

- Towing capacity
- Loading and tipping non routine loads - clay, water logged, reactive etc.

Implement

Assign responsibilities for assessing site conditions and achieving safe and productive outcomes.