



Vehicle Safety Guidelines



Environment



Vehicle



Driver

DRIVE SAFELY AND ACCORDING TO THE CONDITIONS

The Australian pipeline industry has a culture that establishes leadership for safe driving. This requires a commitment from owner, construction operator and engineering organisations to reduce the risks.

A safe driving environment will be achieved by a "lead by example" approach and an open display of preparedness to adopt work practices which aim to eliminate vehicle accidents.

There must be a consistent, planned and considered approach to vehicle safety on all projects and operational activities.

The following guidelines should be considered in both the project planning and operational phase.

DISTANCE TRAVELLED

The distance travelled by construction workers and operations teams, including supervisors and managers, should be minimised.

Methods to reduce distances travelled should include:

- Optimum use and location of camps or multiple camps
- Restricting supervisor responsibility to compact work areas
- Use of alternative long distance travel methods such as helicopter
- Planning and scheduling of work to minimise excessive travel

SPEED CONTROL

Methods to limit vehicle speed to a safe level need to be implemented such as:

- Reduction in distances to be travelled to eliminate desire to speed
- Planning to eliminate need to exceed the speed limit to meet deadlines
- Establishing, displaying and enforcing speed limits
- Use of speed control measures
- Uniform disciplinary action for speed violations

TIME OF TRAVEL

Travel at critical times such as dawn and dusk needs to be minimised by:

- Planning of activities to minimise distance travelled during these periods
- Minimise risk during these periods by implementing methods which:
- Improve vehicle and road visibility
- Reduce speed at these times
- Reduce instances of "two way" traffic during these times

WORK CYCLE

The work cycle adopted needs to be based on considerations such as:

- Preventing fatigue
- Optimum travel distance
- Allowing optimum use of work hours

METHOD OF TRANSPORT

Methods of Transport of the workforce to site need to be evaluated including:

- Mass transport of part or all of workforce
- Selection of appropriate designated drivers
- Minimising the number of vehicles and hence drivers

DRIVER SKILLS

- The driver competency requirements need to be based on the conditions
- Identify specific training requirements.
- Supervisors need to be trained to promote and establish the best driver attitudes
- Strict enforcement of drug and alcohol policy is essential to safe driving
- The wearing of seatbelts is mandatory

VEHICLE SELECTION AND DRIVING CONDITIONS

The design of the vehicles and conditions should be evaluated considering:

- Right of Way design
- Signage
- Access road design
- Ingress and egress points from major roads
- Use of robust, low centre of gravity vehicles
- Effective vehicle maintenance programs
- Use of vehicle technology and safety equipment such as electronic stability control, roll-over protectors, airbags, cargo barriers and exterior bars.



Stayin' Alive!

**For more information contact
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