



ZERO FATALITY STANDARD – ZFS No. 4 WORK WITH TRANSPORT VEHICLES

4th Version – December 2021

PURPOSE OF THE STANDARD

The purpose of this standard is to establish the requirements to work with vehicles transporting people and/or light loads in work-related activities, excluding the transport of hazardous substances, liquid fuels and gases.

Transport vehicles include: automobiles, vans, minibuses, buses, trucks with light loads of less than 3500 kg and rescue vehicles, among others.

GUIDELINES

1. PERSONNEL REQUIREMENTS

Personnel driving transport vehicles must have a municipal drivers' license in accordance with the type of vehicle they drive.

2. EQUIPMENT AND FACILITIES REQUIREMENTS

2.1. WORK AREA REQUIREMENTS

The work area for light vehicle work shall comply with the following requirements:

- a. Evaluate road and weather conditions prior to the start of the activity and/or in the development of the JHA.
- b. Have signage that informs the driver of the internal traffic regulations for light vehicles.
- c. Provide parking areas, which must not obstruct taps, pedestrian access, vehicle exits, or evacuation routes.

2.2. EQUIPMENT AND WORKING TOOLS REQUIREMENTS

Equipment and tools used in work with transport vehicles shall be checked for function and condition and comply with the following requirements:

General Requirements

- a. The vehicle must have valid documentation: Vehicle inspection, insurance and registration certificate.
- b. Checking of necessary operating conditions prior to use of the vehicle. If an inadequate condition is detected, it must be evaluated by the person in charge of the operation.
- c. Use diesel or electric vehicles for subterranean work.

Equipment Requirements

- a. For trucks and personnel carriers: ABS brakes, double air bags, air conditioning, headrests and seat belts for all seats.
- b. Audible back-up alarm when applicable.

- c. The use of re-grooved tires (including the spare tire) is prohibited, as well as tires with worn treads or those that have lost traction capabilities.

High Altitude Work Requirements (Mountaineering Tools)

- a. Tires commensurate with road conditions, weather and terrain type and consider the use of chains for snow, ice or mud conditions.
- b. Tire chocks (minimum 2 and according to diameter) in high altitude terrain conditions.
- c. Double traction and/or other safety elements in those terrains in which the risk assessment defines it.
- d. Heating or air conditioning

Requisitos Específicos Transporte de Carga (menor a 3500kg.)

For cargo transportation, conditions indicated in the *Ley de Tránsito N°18.290* [Traffic Law N°18.290] must be complied, particularly considering the following requirements:

- a. Verify that the load to be transported is less than the carrying capacity of the vehicle.
- b. To have containment that avoids the run-off or fall of loads with waste, sand or other liquid or solid materials.
- c. Have a system that prevents the load from shifting or falling, through protective nets, ropes, ropes, crates, boxes or other.
- d. Have special fixed or removable fastening devices for the transport of containers.
- e. During cargo stowage:
 - I. The cargo shall not occupy the roof of the cab.
 - II. Not to exceed the width of bodywork.
 - III. Not to exceed the front end of the vehicle with the load.
 - IV. Not obstruct any of the exterior lights of the vehicle with the load or its fastening and protection elements.
 - V. Not to drag or overhang the rear end of the vehicle by more than 2 meters.

3. ACTIVITY DEVELOPMENT REQUIREMENTS

According to the geographical characteristics of projects and facilities, a winter plan must be implemented that considers the conditions of the external and internal route.

4. RECORDS

[Use Checklist No. 4 to verify compliance Zero Fatalities Standards-Colbun S.A.](#)

5. REFERENCES

[Zero Fatality Standard No. 0 – General Terms](#)

EXCEPTIONS

Previous to the start of work, Colbun's Facility Manager (Project, Power Plant, Transmission Zone) may authorize exceptions to this Standard in writing. Should there be a discrepancy where there is more than one Facility Manager, it must be escalated to a higher hierarchical level for definition.