

#### 2.5.14. CAB

The driving cab shall be tiltable to enable easy maintenance. Seats shall be of ergonomic design and adjustable. In addition to the various usual instruments and indicators, the instrument panel shall be fitted with a tachometer and a recorder. It shall be fitted with the following driving and comfort related devices:

- speed limiter,
- manual idle control,
- two air pressure gauges (in the event of turbocharged engine).

Control and driving panel has to include all the necessary instruments to allow the driver to control the vehicle and a dead man device. Parallel to track position of the panel is preferred to obtain a good visibility in both directions and the control panel is fitted with an adjustable driver seat. **Alternatively, a proven visibility system to be provided to ensure visibility in rear so as to facilitate reverse movement.**

Cab must be:

- Built by means of steel plates. Composite materials may also be used subject to prior approval of employer.
- Thermal and acoustic insulated
- Air conditioned
- Equipped with windscreen and windows fitted with safety glass
- Equipped for each lateral side with two sliding pane windows and one sliding door

#### 2.5.15. LIGHTING

External lighting includes:

- Two driving headlights with red sliding panes on each front beam
- Two central headlights fixed on the top of the vehicle
- Two orientable search lights fixed on each side wall of the cab

#### 2.5.16. JIB AND CRADLE

The vehicle has to be equipped with a jib and cradle fitted at the rear of the platform.

The performances must be as follows:

- Nominal load 300kg, 2 workers with their tools
- Horizontal reach for the workers in the cradle from the track axis about 8.50 m in steps of minimum 0.5 m from retracted position.
- Vertical reach for the workers in the cradle, about 9 m from rail level in steps of minimum 0.5 m from retracted position.

The cradle has to be fitted with a control panel for the hydrostatic transmission and for all the movements of jib and cradle.

All the hydraulic movements have to be secured by a hand backup pump and devices located on the platform frame of the vehicle.

The cradle must be fitted with 2 earthing rods connected to the frame of the vehicle and to the rails.

The cradle must be fitted with plugs for electrical tools (5 kW), with lighting and 2 search lights.

