

TRAFFIC & ROAD SAFETY MANAGEMENT PLAN

I. Objective

Road traffic is the first cause of accidents during the construction phase of projects. The movement of site equipment and materials, circulation of machinery and vehicles during the various phases of the Project can increase the risk of accidents, especially when crossing built-up areas.

Traffic at high speeds and especially passing in front of villages and social community facilities (schools, places of worship or health centers) can also, because of the crowding in these places, be a source of accidents.

The objective of this plan is to regulate traffic both inside and outside the site in order to limit accidents to persons, both Project workers and residents.

II. General Conditions

A. Scope of Application

All the sub-contractors and ARISE Ivoire HSE Team

III. Measures

Fleet and traffic characteristics

The routes that will be used by these vehicles will be determined using cartographic material.

The government has planned to build two multi-level road intersections to ensure good traffic flow for the PK24 IEZ. To ensure good traffic flow around the Project area, the Côte d'Ivoire Government has planned to build two multi-level road intersection for the PK24. This is outside of the control and scope of ARISE and therefore alternatives from a traffic management perspective have not been considered.

If the traffic intensity is expected to be very high and to involve very heavy trucks, an assessment of the roads condition, drawn up by a sworn bailiff prior to the use of these roads by vehicles, must be conducted and annexed to this procedure.

Control of drivers 'capacities and vehicle suitability

ARISE Ivoire and its sub-contractors (SCs):

- Ensure drivers have a valid driving license.
- Ensure that qualified medical personnel conduct a proficiency test (including eyes) of all drivers at the time of hiring.
- Train drivers of light vehicles and trucks in basic road safety and risk awareness.

- Deliver specific permits to the drivers of construction site machinery and heavy vehicles.
- Ensure that the transport of hazardous materials complies with local regulations and international specifications.
- Check trucks, their general condition, load and stowage.
- Conduct unannounced speed or alcohol checks, control drivers regularly and penalize driving for excessive speed or drunkenness (first warning followed by dismissal for serious misconduct in case of recurrence of the infraction).

Traffic regulations

ARISE Ivoire and its sub-contractors (SCs):

- Unless otherwise instructed by the HSE supervisor, prohibit night driving between 10 p.m. and 6 a.m. for all types of vehicles.
- Set a maximum speed for all machinery and vehicles which must comply with the most restrictive of the two rules below: that fixed by national regulations (50 km/h in towns, 90 km/h in rural areas and 110 km/h on highways) or else the specifications below:
 - 20 km / h within the confines of the worksite
 - 30 km / h in villages or hamlets, in towns, from 100 m before the first house
 - 80 km / h on unpaved roads outside town, village or hamlets and base camps
- Train all new drivers on the traffic regulations applicable in Cote d'Ivoire and on the extra measures set in this plan.
- Provide each driver with a roadmap presenting on an appropriate scale the mapping of the authorized roads and the maximum authorized speeds on each road section.
- Ensure their understanding of the speed limits and describe the sanction system in case of non-compliance:
 - A fine of 30 000 FCFA in case the driver is controlled by the police (following a deviation).
 - A first warning followed by dismissal for serious misconduct in case of recurrence of the infraction if the driver is controlled by the company.
- Strictly prohibit the transport of people, equipment, and products other than for the needs of the works and the management of the construction site, on board any vehicle of ARISE Ivoire or its sub-contractors. This provision also applies to the transport of live animals or meat resulting from hunting, fishing or poaching
- Cover the trailers and dumpsters used for the transport of materials that can be thrown (sand, all-terrain, aggregates, selected materials) over the entire route used for transport material

Traffic plan on construction site

ARISE Ivoire:

- Display a map on site to illustrate the access roads to be used by vehicles (trucks and construction machinery), turnaround areas and the subcontractors' works area including the parking, storage and loading/unloading areas.

- Physically delimitate these temporary roads and protect the work areas from road traffic with barriers, road signs, etc.
- clearly delimitate pedestrian pathways and create pedestrian-only areas within the works areas and their surroundings.
- Control vehicle traffic on site through the use of road signs, one-way traffic routes, establishment of speed limits, and on-site trained flag-people wearing high-visibility vests or outer clothing covering to direct traffic.
- Install in front of the site entrance traffic warden to make it safer for vehicles to enter/exit the construction site from the main road.

Traffic plan outside of construction site

ARISE Ivoire:

- Install temporary road sign
- Install temporary traffic warden
- Any development on the public roadway for the purposes of the Project (installation of temporary traffic lights, signs or road signs, bumps, etc.) or for the purpose of improving road safety, including changes in traffic direction or deviations, is communicated in advance to the local authorities and approved by them.

<p>Monitoring indicators</p>	<ul style="list-style-type: none"> • number of driver proficiency tests conducted • number of driving permits delivered to drivers of construction site machinery and heavy vehicles • number of road accidents caused by a Project vehicle • number of speed and alcohol test conducted • number of traffic signs well positioned • number of claims lodged on road safety and traffic • kilometre of passable road used
<p>Reference documents</p>	<p>-</p>
<p>Procedure approved by</p>	
<p>Emission/last revision date</p>	