

Circular No. (12-4-1) of 2021

Dated 23/08/2021

On/ Organization, Protection, and Cleanliness of Construction Sites

Messrs. Engineering consulting offices, contracting companies, and ready-mix concrete factories, within their respective competencies.

Greetings,

First: Temporary Fences for Construction Sites

You shall use fences made of metal or plastic materials (PVC) for all construction projects within the Emirate of Dubai under new building permits in accordance with the following requirements:

- You shall adhere to standard specifications for fences where the height is not less than 2 meters from the ground surface, and the gaps between the panels do not exceed 5 cm.
- The Company shall have the option to choose colors that match with the surrounding environment.

Second: Disposal of Rubble and Waste Produced from Multi-Storey Building Construction Projects

You shall use the system for the disposal of rubble and waste produced from multi-storey building construction projects as follows:

- In all cases, rubble and waste may not be thrown from upper floors directly except through designated pipes and ducts.
- Debris disposal pipes or ducts shall be made of plastic materials.
- Debris disposal ducts shall be installed on each floor of the building under the supervision and instructions of the consulting engineer.
- Debris disposal holes on each floor shall be covered and protected to prevent the falling and diffusion of materials and dust.
- The unloading area at the ground level shall be covered and protected while placing containers and covering them to prevent the falling and diffusion of materials and dust.

Third: Protection Curtains for Facades of Projects under Construction

You shall use protection curtains for the external facades of buildings under construction, that are made of suitable, non-permeable protective materials, whether PVC or high-density polyethylene mesh cloth, in order to preserve the privacy of the neighborhood and the surrounding environment and prevent falling or diffusing materials through them.

Fourth: Construction Site Surveillance Systems:

You shall install at least 4 surveillance cameras to cover the entire project for all types of buildings whose height exceeds a ground floor and three upper floors. They can be installed on tower cranes or any high places overlooking the site (workplaces, entrances, storing places, site boundaries). They shall be connected to a visual system used by the site engineer. They shall be connected in the future to the electronic building control system for the purpose of technical monitoring, emergency and owners' smart service systems).

Fifth: Public Health Pest Control at Construction Sites:

You shall maintain public health at construction sites by public health pest control, especially disease-carrying pests such as mosquitoes, flies, and rodents, and reducing their breeding opportunities. The contractor shall carry out such job, or you can contract with pest control companies authorized to work by the Public Health Pest Control Section at the Department of Public Health Services at Dubai Municipality.

Sixth: General Maintenance and Application Sustainability:

The contractor shall carry out regular maintenance for the fences, debris disposal systems, external facades protection curtains, and surveillance cameras throughout the project period. It shall take precautions to ensure the safety of workers on sites, buildings, and property, according to Appendix 12-4-1-1 (Illustrations of the Fences).

Seventh - Transporting and Dumping Concrete:

Vehicles that transport concrete distort the public landscape and cause harm to the environment and public health during transport, dumping, and washing operations. Therefore, it is decided as follows:

- Contracting companies shall designate special places within construction sites or sites designated for storing materials in order to dump excess concrete and wash the mixers, pumps, and hoses attached to the vehicles.
- Contracting companies shall take all necessary measures to remove the remains of concrete on a regular basis and dispose of them in the designated places.

- Contracting companies shall provide means of washing for truck tires, pumps and mixers before they leave the construction site.
- Contracting companies shall continuously clean the area surrounding the site, especially entrances and exits, and remove sand, dust, and any materials that affect the cleanliness of streets and sidewalks surrounding the site.
- Consulting offices shall fully supervise the extent to which Contracting companies and vehicles that transport concrete comply with all requirements stated in this regard.
- Ready mix concrete companies shall take all the necessary measures to ensure non-leakage of concrete or water. They shall add strong seals to the nozzles of pumps and mixers, or they can prevent leakage using mechanical means. They shall also make sure that oils do not leak from concrete trucks and mixers during transporting or pumping concrete.
- Concrete companies shall wash and clean truck tires in a manner that ensures the cleanliness of the streets and roads at the entrances and exits of the project. They shall adhere to all requirements and instructions stated in this regard.
- In the event that the contractor violates the requirements stated in this regard, casting concrete on the site shall be suspended for a period of no less than a month along with imposing a financial penalty against the contractor in accordance with the Municipality's violations system.
- In the event that these requirements are violated by ready-mix concrete factories, the vehicles shall be impounded for a period of no less than a month along with imposing a financial penalty against them in accordance with the Municipality's violations system.

Eighth: Removal of Temporary Structures, Waste, Equipment, and Remains of Construction Materials During and After the Completion of Work, and Maintaining Sewage Manholes:

All consulting offices shall ensure that all parties adhere to the following instructions:

- Adhering strictly to the cleanliness of work sites, the surrounding environment, and places where materials are stored.
- Removing all types of remnants of materials used in construction or infrastructure projects (whether damaged or surplus to requirements) on a regular basis during the implementation of work, and maintaining the work site and the surrounding

area, for a distance of 30 meters from all sides, free of any debris or waste that may distort the public landscape.

- Removing temporary offices and their accessories, cleaning workplaces, sidewalks, and the surrounding environment after completing the work, and reinstating the site to its original state before the start of work.
- Ensuring that the rubble is transported to the designated locations approved by the Municipality

All contractors shall adhere to the following instructions:

- Clearing the roads surrounding the sites of any temporary structures, materials, or equipment related to their projects, as soon as they receive notices from infrastructure project contractors in accordance with the pledges submitted upon obtaining temporary permits.
- Refraining from burying or placing any building materials, equipment, or offices on sewage manholes, otherwise Dubai Municipality shall impose penalties and charge the contractor with the costs of the damage caused to such manholes.

Ninth: Organizing and Preparing the Construction Site

- You shall continuously organize works, spaces, material storage, entrance and exit corridors of the work site, and storage places in a manner that facilitates work and ensures public health and safety for all workers on the site and the surrounding environment. Contractors shall carry out general cleaning work on an ongoing basis.
- You shall provide suitable closed, air-conditioned spaces prepared for workers to rest and have lunch during work hours. Such spaces shall not be used for the purpose of staying overnight. You shall provide health, environmental, construction, and safety requirements in such spaces.

Tenth: Safe Disposal of Asbestos Sheets

- With reference to Cabinet Resolution No. 39 of 2006 prohibiting the import, production, and use of asbestos sheets in public and private buildings, it is decided not to issue any permits to demolish existing buildings if they contain asbestos sheets except after obtaining the approval of the Environment Department in Dubai Municipality and coordinating with the concerned authority for the purpose of safe disposal of asbestos sheets.

The contractor shall be responsible for adhering to all the instructions contained in this circular, while the consultant shall supervise them and shall be held liable for not taking the necessary measures to adhere to the same in accordance with engineering standards and specifications. Legal penalties shall be taken against those who violate the requirements of the tasks assigned to them in accordance with the provisions of this circular.

“This is a technical translation, in case of ambiguity Arabic version will prevail “