

Schedule 1. Construction Scale of Class 1 Construction Projects

Item No.	Project Class		Construction Scale of Class 1 Construction Projects	Remarks	
1	Housing (building) project	Reinforced concrete (RC) structure	Including new construction, extension, reconstruction and renovation projects for brick construction, reinforced brick construction, wood construction and other general housing construction.	The product of the construction area and construction period attains 3,500 square meters • month.	I. A “month” is counted as “30 days”. II. The “construction period” is counted on a calendar day basis, including working days and non-working days. III. The construction areas mean the areas occupied by the construction (including the total areas for various works, such as fence construction) IV. The loose volume refers to the soil volume disturbed by dredging and mining operations. The compressed volume refers to the soil volume not disturbed prior to the dredging and mining operations. The loose volume divided by compressed volume is counted as 1.31. The density of loose volume is counted as 1.51 metric tons/m ³ . (Please refer to the earth volume expansion/contraction coefficients defined
		Steel Reinforced Concrete (SRC)	Including new construction, extension, reconstruction and renovation projects for steel, steel frame and steel reinforced concrete (SRC) structures.		
		Demolition work	Irrespective of housing types	The total floor areas attain 3,500 square meters.	
2	Road and tunnel projects	Road	1. Including the new construction, expansion and demolition projects for highways and viaducts (including pedestrian bridges). 2. Excluding the viaduct projects based on prefabrication. 3. In the case of underground road projects, the construction areas refer to the areas occupied by the construction section on the surface (ground) (e.g. the excavation parts on the road and construction fences of the working well). 4. If the road and related projects (such as pipelines, retaining walls and side ditch projects, etc.) are performed at the same construction site at the same time during the construction period, the construction areas occupied by the related projects shall be included, provided that if these projects are performed at different stages, the areas shall be calculated separately.	The product of the construction area and construction period attains 30,000 square meters • month.	
		Tunnel project	A project involving drilling, explosive or digging operations during construction.	The product of the tunnel’s floor area and construction period attains 227,000 square meters • month.	
3	Pipeline project		An operation involving water supply and sewerage, stormwater sewer, power supply, telecommunications, gas or other culvert pipe (box) construction.	The product of the construction area and construction period attains 3,000 square meters • month.	
4	Bridge project		Including construction or demolition work for various bridges and approach bridges across river ditches and watersheds, or viaduct projects based on prefabrication.	The product of the area occupied by the bridge and construction period attains 350,000 square meters • month.	

				in the Project Wage and Labor Rate Analysis Guidebook of Water Resources Agency, MOEA.) Construction project owners who hold the compressed volume and loose volume test data on the field soil sample may apply such data upon approval of the competent authority of the municipality, county or city.
5	Regional development project	A development project occupying an area of more than one hectare with operations involving items such as reclamation, land preparation, sewage, drainage, tap water, roads, street lights, landscaping, distribution pools, power supply, telecommunications or gas pipelines, in whole or in part, performed at the same time, in addition to any necessary construction and road projects.	The product of the construction area and construction period attains 6,000,000 square meters • month.	
6	Dredging project	A project involving removal of deposited sediment in water courses (excluding drainage facilities and irrigation canal systems) and reservoirs, and transportation of soil volume from the construction site.	Removed soil volume (loose volume) exceeding 10,000 cubic meters.	
7	Other construction projects	<ol style="list-style-type: none"> 1. Any civil engineering, demolition engineering and miscellaneous works other than said projects, or other projects designated by the competent authority of the municipality, county or city. 2. The contract price excludes business tax. 3. If the contract price statement has specified that no costs of the equipment emitting particulate pollutants or engineering materials are involved, such costs may be excluded from the contract cost upon approval of the competent authority of the municipality, county or city. 	If the contract price reaches NT\$1,800,000.	

Schedule 2. Requirements for Height of Barrier Fences

Local air quality control region Construction project classification	Suspended particles/fine suspended particles Class 1 and 2 control regions	Suspended particles/fine suspended particles Class 3 control regions
Class 1 Construction Projects	2.4 meters	
Class 2 Construction Projects	1.8 meters	2.4 meters

Schedule 3. Scope and Specifications of Automatic Carwash Equipment

Scope	Specifications
Automatic sensor gate	A sensor gate shall be installed at the entrance of automatic carwash equipment. When construction vehicles enter the car wash, the equipment will be activated automatically.
Car wash	<p>The car wash shall satisfy the following specifications:</p> <ol style="list-style-type: none"> 1. Install a car wash platform with rumble strips, and meet the following requirements: <ol style="list-style-type: none"> (1) The platform width shall be larger than that of the transportation vehicle by 1.2 times. (2) When driving thereon, the transportation vehicle can vibrate up and down to get rid of the mud and sand on the tires and body of the vehicle. 2. Install a concrete-pavement car wash sink, and meet the following requirements: <ol style="list-style-type: none"> (1) The sink width shall be larger than that of the transport vehicle by 1.2 times. (2) The sink depth shall attain 30 cm or more, with the depth of water attaining 20 cm or more. (3) Waste water in the car wash sink shall be replaced every day, and the replaced wastewater volume shall be 5 times the sink capacity.
Washing equipment	<p>The washing equipment shall be installed at both sides of the car wash, and also meet the following requirements:</p> <ol style="list-style-type: none"> 1. The total length of the washing equipment shall be at minimum more than that of the carwash, and waterspouts shall be installed apart from each other by no more than 50 cm. 2. The waterspouts shall be installed separately at high-to-low angles, and the washing surface shall cover the body and tires of the vehicle. 2. The spray water pressure shall attain 3kg/cm². 4. The vehicle shall be washed continuously when it passes through the carwash.
Waste water treatment equipment	A silting basin or wastewater treatment equipment capable of depositing sand shall be installed, and wastewater generated during the car washing shall be collected and processed in the wastewater treatment equipment, and then recycled or emitted.
Sign	<p>A sign shall be installed at the entrance of automatic carwash equipment to specify the following requirements:</p> <ol style="list-style-type: none"> 1. A warning to remind drivers to stop and wait for a car wash. 2. How to operate the carwash equipment and times for car washing.

Schedule 4. Monitoring Instruments, Items, Frequency and Other Requirements for Air Pollution Control Installations

Air Pollution Control Installations	Monitoring Instrument	Installation Conditions or Location	Items	Frequency	Other Requirements
Sprinkling Policy	Water Meter	A water meter shall be installed on the water pipe at a distance of 1 meter before or after a pressurized motor, unless a submersible motor is adopted.	Gather data on accumulated water consumption	Once per day	No other diversion is allowed to exist in the water piped between the water meter and pressurized motor.
Carwash Equipment	Water Meter or Electricity Meter	<ol style="list-style-type: none"> 1. A water meter shall be installed on the water pipe at a distance of 1 meter before or after a pressurized motor, unless a submersible motor is adopted. 2. The pressurized motor shall be equipped with an independent electricity meter. 	Gather data on accumulated water consumption and power consumption in kilowatt-hours.	Once per day	No other diversion is allowed to exist in the water piped between the water meter and pressurized motor.
	Water Pressure Gauge	The water pressure gauge shall be installed on the water pipe at the front side of the water sprout.	The water pressure value inside the pipe at the time of activation of the motor.	Once per day	
Cyclone separator, bag dust collector or other effective dust collection equipment	Electricity Meter	The gas collection system motor shall be equipped with an independent electricity meter.	Accumulated power consumption in kilowatt-hours.	Once per day	
	Gas flow meter	Installed at the inlet or outlet for the particle pollutants of the dust collection equipment.	Waste gas flow	Once per day	The gas flow meter shall be calibrated once per year.
	Differential Manometer	Measure the pressure difference before and after the filter bag.	Pressure difference Frequency of replacement of filter bag	Once per day Replacement time record	

Schedule 5. Video Surveillance System Functional Specifications

Items	Functional Specifications
Resolution	Attain 15 1024×720 frames per second
During recording	Continuous video recording in the course of the Project
Recording Contents	<ol style="list-style-type: none"> 1. Construction site entrance/exit and carwash facilities: Able to identify the air pollution control installations, cleanliness of the access road surface, cleaning of transportation vehicles and coverings on vehicle compartments. 2. Work performed at the construction site: The number of surveillance videos shall be based on the number of cameras required to cover the entire construction site.
Image recording	<ol style="list-style-type: none"> 1. Daytime video recordings shall be in color, while nighttime video recordings shall be equipped with an infrared night vision device. 2. The recorded images shall be clearly identifiable and also display the date and time of recording.
Storage of images	The recorded images shall be saved on digital media in open image file formats, such as MPEG, H.264 or AVI, for inspection by the competent authority of the municipality, county or city.