

Health & Safety Department (Environmental Health Section)

Document Title	Technical Guidelines on the Compliance of Laundry Facilities
Document Code	DM-HSD-GU76-LRA2
Version #	5
Issue Date	26 th March 2026
Superseded Issue Date	4 th August 2025

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

Document History Log

Any modification to the document must be reviewed and approved as per the corporate policies and procedures of document control

Version #	Date	Prepared/reviewed by	Modifications summary
4	4 th Aug 2025	Environmental Health Section	<ul style="list-style-type: none"> Adding the new logo of both Dubai Municipality and the Government of Dubai Modifying the title of the guideline manual Comprehensive update of the contents of the guideline manual
5	26 th March 2026	Environmental Health Section	<ul style="list-style-type: none"> Update to Title No. #11: Requirements for controlling the operational noise level of the facility

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

Table of Contents

1- Introduction	6
2- Purpose	6
3- Objective of the Guide	6
4- Laws and Legislation	7
5- Scope of Work	7
6- Terms and Definitions	7
7- General Requirements	10
7-1 Building Requirements.....	10
8- Hygiene and Public Health	11
8-1 Hygiene.....	11
8-2 Public Health.....	11
9- Public Safety	14
9-1 Safety in the Facility's Public Facilities.....	14
9-2 Safety in the Facility's Classrooms	14
9-3 Safety in Laboratories.....	15
9-4 Safety in the Outdoor and Indoor Play Area.....	16
9-5 Requirements for Children's Games in the Nursery	17
9-6 Safety of Elevators	17
9-7 Safety in the Storage Area	17
9-8 Safety in the Swimming Pool Area.....	18
10- Consumer Products	21
10-1 Requirements for Consumer Products	21
10-2 School Uniform.....	21
11- Requirements Controlling the operational noise level of the facility	22
12- Water quality	22
12-1 Quality of water systems in educational institutions	22
12-2 Water quality in fountains, waterfalls, irrigation systems and cooling towers in educational institutions	23

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

12-3 Water quality tests.....	23
12-4 Water quality in drinking water coolers and fountains.....	25
13- Indoor air quality.....	26
13-1 General requirements for indoor air quality (IAQ) for a healthy environment in educational institutions.....	26
14- References	29

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

1-Introduction

Dubai Municipality has prepared this guideline in accordance with the transparency and governance practices followed in the Emirate of Dubai and based on Local Order No. 11 of 2003 regarding Public Health and Community Safety in the Emirate of Dubai.

The guideline for the Compliance of Laundry Facilities reflects the best practices implemented in the Emirate of Dubai in addition to achieving the strategic objectives of the department to ensure proactive public health protection and enhance compliance with health and safety requirements. This includes elements of built environment health such as public health, public safety, indoor air quality, water quality, consumer product safety, and noise pollution in built environments to achieve Dubai Municipality's mission in planning, managing and ensuring the sustainability of the city by providing pioneering municipal services for the happiness and well-being of people, in support of the Dubai Municipality's-vision.

2- Purpose

This guideline has been prepared to ensure and enhance compliance with the approved controls and requirements for Health and Safety Department in Dubai Municipality, aiming to achieve a safe working environment in laundries.

3- Objectives of the guideline

- To ensure compliance with established environmental health requirements in laundries in the Emirate of Dubai to achieve proactive public health protection.
- Educating owners of laundries owners and workers about environmental health risk.
- To ensure business continuity in accordance with the applicable regulations in the Emirate of Dubai.
- To increase public awareness of environmental health in the built environment.

Issue Date: 26 th March 2025 بيانات مفتوحة / OPEN DATA	Version # (5)
Superseded Issue Date: 4 th August 2025	Page 5 of 21

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

4- Laws and legislation

- Local Order No. (11) of 2003 regarding public health and community safety in the Emirate of Dubai.
- Administrative Resolution No. (30) of 2007 issuing the executive regulations of Local Order No. (11) of 2003 regarding public health and community safety in the Emirate of Dubai.

5- Scope of work

This guideline applies to laundry shops and related activities in the Emirate of Dubai.

6-Terms and definitions

Term	Definition
Public Health	The science of preventing disease and improving the health of individuals and communities through organized and sustained collective and community efforts aimed at creating the conditions that enable individuals to maintain their health.
Environmental Health	Environmental health includes all the external physical, chemical and biological factors around the individual, and all related factors that influence his behaviors, and includes the process of evaluating and controlling those environmental factors that can affect health, with the aim of preventing disease and creating healthy environments.
Built environment health	Ensuring that physical, chemical, biological and other factors within the built environment do not cause any harm to human health
Consumer product	Any product that can be consumed or used by humans for any purpose, including but not limited to medicines, cosmetics and personal care products, perfumes, health supplements, cleaning products, antibacterials, children's toys, textiles, food contact

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

Term	Definition
	materials, health care products, air fresheners and any other product that the municipality or the authority determines as a consumer product.
Hazardous waste	Waste materials that can cause significant harm to humans and/or property and/or the environment due to their inherent hazardous properties. Hazardous wastes are in the form of solid, liquid, sludge, gas, or any combination of the above.

7- General requirements

- A commercial license issued by the relevant authorities in the Emirate of Dubai.
- The activity may not be practiced in the emirate unless a permit is obtained from the competent department.
- The services provided by the establishment must comply with the activities listed in the commercial/professional license.

7-1 Required Documents for Existing Institutions in Independent Buildings

All laundries owners in independent buildings must provide the following documents and present them upon request:

- A valid contract with a company approved by Dubai Municipality for cleaning and disinfecting of water systems.
- A valid certificate and reports for cleaning and disinfection of water systems.
- Biological and chemical water test reports.
- Elevator safety certificate approved by the Emirates International Accreditation Center (EIAC).
- A valid certificate of compliance with fire prevention requirements from the General Command of Dubai Civil Defense.
- A valid contract with a company approved by Dubai Municipality for pest, rodent and insect control
- A record of reports on pest control procedures for rodents and insects

Issue Date: 26 th March 2025 بيانات مفتوحة / OPEN DATA	Version # (5)
Superseded Issue Date: 4 th August 2025	Page 7 of 21

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

- Providing a contract with a company approved by Dubai Municipality for transporting and disposing of general and hazardous waste

8- Public Health and Hygiene

8-1 General Cleanliness

- Maintain continuous cleaning and regular disinfection of all facilities and areas of the institution.
- Clean washing and drying machines regularly, ensuring the removal of dirt and residues.

8-2 Personal Hygiene of Workers

- Maintain personal hygiene of workers.
- Provide appropriate and clean uniform.
- Provide liquid soap and paper towels or hand dryers near washing sinks.

8-3 Public Health

- Workers suffering from injuries or infections that may affect their health or the health of others should be granted sick leave until they recover.
- Provide an approved mechanism in case of contagious diseases and quarantine if necessary.
- Report any incidents that may affect public health within the institution.

8-4 Pest and Insect Control

- There must be at least one visit per month as per the requirements of the Public Health Services Department, of the Environment, Health, and Safety Agency at the Dubai Municipality.

Issue Date: 26 th March 2025 بيانات مفتوحة / OPEN DATA	Version # (5)
Superseded Issue Date: 4 th August 2025	Page 8 of 21

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

- An immediate visit is required in case of a complaint from the establishment owner regarding the presence of public health pests, with a follow-up visit three days after the complaint visit.

8-5 Waste Disposal

- The waste room must be kept clean, if present in the establishment
- Provide suitable containers equipped with lids that open with a foot pedal and in sufficient quantities.
- Dispose of general and hazardous waste in a safe manner and regularly.

8-6 Health Sink - Sanitation

- The plumbing systems in the institution must be connected to the laundry water drainage systems.
- All water drainage openings must be covered and equipped with mesh covers and securely sealed.
- Dispose of wastewater in a hygienic and safe manner to ensure no contamination occurs and avoid leaving drains uncovered.
- Regularly maintain and inspect the safety of the plumbing network.

8-7 Smoking

- Smoking or using tobacco in any form is prohibited within the institution.
- It is forbidden to sell tobacco or its products.
- Provide "No Smoking" signs.

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

9- General safety

9-1 Safety public facilities of the institution

- Regular maintenance of all institution facilities, including walls, floors, ceilings, etc., must be conducted.
- Adherence to the specific requirements for spaces or occupancy rates within the institution (providing suitable space for activities or work).
- Not violating the health regulations related to the construction of the institution (upper closures within the institution are prohibited unless they are part of the construction according to approved plans by relevant authorities).
- The use of asbestos in the institution is prohibited.
- Not spreading textiles outside the premises boundaries.
- Providing Safety instructions and operational signage for equipment.
- The institution should not be used for housing, cooking, or any purposes that contravene its activity.

9-2 Electrical Safety

- Electrical sockets, cables and circuits must be safe.
- Avoid overloading external electrical sockets.
- A Ground Fault Circuit Interrupter must be provided in all electrical circuits.

9-3 Equipment Safety

- Provide a safety or compliance certificate for lifting and transport equipment and pressure systems from an approved authority.
- Maintenance and inspection of electrical equipment should be conducted, and maintenance records should be kept.

Issue Date: 26 th March 2025 بيانات مفتوحة / OPEN DATA	Version # (5)
Superseded Issue Date: 4 th August 2025	Page 10 of 21

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

- Secure moving parts of the machines and cranes.
- Steam and hot water pipes must be insulated.
- Boilers and pressure vessels must be inspected annually by a qualified technician approved by the Emirates International Accreditation Center (EIAC).
- Blow-off pipes in the boiler must operate normally, allowing pipes to expand and contract without excessive vibration.
- The owner or user must prepare the boiler for internal inspection under the direct supervision of the specialized person, taking all safety precautions regarding the fuel supply/ignition system, water side, insulation, pressure gauge, drain hole and access to the boiler.

9-4 Fire Fighting

- Compliance with the fire prevention and protection system approved by the General Command of Dubai Civil Defense.
- Availability of valid fixed and portable fire extinguishing equipment.
- Emergency exits are easily accessible and not obstructed by storage of materials or closures.
- Equipping rooms, corridors, and entrances with sensors, smoke detectors, and heat detectors.
- Having a practical evacuation plan for the institution and clearly defined safe assembly points known to everyone.

9-5 Worker Safety

- Wearing personal protective equipment, such as gloves and safety glasses, when handling hazardous materials.
- Eyewash equipment must be provided in chemicals handling area.

Issue Date: 26 th March 2025 بيانات مفتوحة / OPEN DATA	Version # (5)
Superseded Issue Date: 4 th August 2025	Page 11 of 21

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

- Laundry workers must be familiar with the hazards associated with each chemical product and how to handle them.
- First aid kit must be in an easily accessible place.
- Ironing equipment must be functional and equipped with thermal insulation to protect fingers from heat.

9-6 Storage Safety

- Storage must be in a suitable location, at least 20 cm above the ground, at least 50 cm below the ceiling, and 30 cm away from the wall.
- Appropriate containers must be provided for storing clothes until they are washed.
- Avoid stacking large quantities of clothes or materials.
- It is preferable to use any type of packaging to protect clothes from dust and dirt.
- Detergents and disinfectants must be stored in suitable containers and away from sources of heat or humidity.

9-7 General safety requirements when dealing with clothes and textiles contaminated with germs:

The laundry building must meet the appropriate technical requirements for this purpose, such as:

- The pressure must be negative in the dirty area compared to the clean area to ensure that the flows from the clean area to the contaminated area.
- Walls, ceilings and floors must be made of smooth tiles or washable and cleanable oil paint.

Issue Date: 26 th March 2025 بيانات مفتوحة / OPEN DATA	Version # (5)
Superseded Issue Date: 4 th August 2025	Page 12 of 21

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

Providing appropriate equipment such as:

- A transport vehicle that is suitable and separate for collecting contaminated clothing and textiles from uncontaminated ones.
- Washing equipment for contaminated clothes and textiles must be disinfected after each use.
- Clothes must be dried mechanically and not hung out.
- Provide dedicated bags for transporting contaminated clothing and textiles.
- Color-coding of bags and containers for contaminated textiles using labeling.
- Disposal of used bags for contaminated clothing should be done by a waste company specialized in handling hazardous waste.

Washing Method for Contaminated Textiles:

- Complete separation of contaminated clothing from others must be maintained at all stages (from collection to delivery).
- Use of high-temperature water in the washing process at a temperature of no less than 71°C for 25 minutes.
- Selecting chemicals approved by relevant authorities for washing at lower temperatures, with appropriate usage concentrations if using washing cycles at temperatures below 71°C.

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

10- Consumer Products Safety

10-1 Consumer Product Usage Requirements:

1. Detergents and disinfectants must be approved by the relevant authorities.
2. Do not use products with misleading or inappropriate information.
3. Follow dilution and refilling instructions as provided by the manufacturer.
4. The person handling dilution and refilling of the products should be trained and have sufficient knowledge.
5. Provide adequate training for employees on the safe use of automatic pumps and chemical mixing.
6. Avoid mixing different types of detergents or disinfectants, especially those with reactive chemical components.
7. Do not reuse consumer product containers for any purpose and dispose of them safely.
8. A label indicating the opening date should be provided on products if their shelf life depends on the opening date
9. A label indicating the product information should be provided on refilled containers.
10. Do not leave products uncovered after use.
11. Do not use expired, spoiled, or laboratory-failed consumer products.
12. Follow the usage and storage instructions stated on the product label.
13. Store disinfectants and sanitizing materials in a cool, dry place, away from direct sunlight.

10-2 Safety of Low-Voltage Electrical Devices:

1. Ensure the safe use and regular maintenance of electrical devices.
2. Use low-voltage equipment such as ironing tools, washing, and drying machines, etc., approved by the relevant authorities.
3. Use low-voltage electrical devices compliant with UAE specifications.
4. Do not use laboratory-failed electrical devices.

Issue Date: 26 th March 2025 بيانات مفتوحة / OPEN DATA	Version # (5)
Superseded Issue Date: 4 th August 2025	Page 14 of 21

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

11- Requirements for controlling the facility's operational noise level.

Compliance with the permissible limits as determined by the relevant authorities in the emirate

12 – Water Quality

12-1 Requirements:

- Provide a water source.
- Tap filters and showerheads in the facility must always be clean and free from contamination and must be cleaned and sanitized at least once every three months, while maintaining cleaning records.
- Water systems and their accessories must be in good condition during visual inspections.

12-2 Water Quality in Separated Buildings

- Routine maintenance of the water network must be conducted to detect leaks and rusty parts, and repair or replace them.
- Water tanks must be protected from contaminants, ensuring that all tank covers are intact and secured in place, and inspected internally at least monthly.
- Clean and disinfect the water system (water tanks/internal water distribution network) at least twice a year (every 6 months) by an approved company, while keeping reports.
- Reports should include all treatment procedures, methods of using biocides, and the Material Safety Data Sheets (MSDS) for the chemicals used.
- Immediate cleaning and disinfection must occur along with resampling, and keeping reports if the samples taken from the water systems do not meet the specified standards.

Issue Date: 26 th March 2025 بيانات مفتوحة / OPEN DATA	Version # (5)
Superseded Issue Date: 4 th August 2025	Page 15 of 21

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

12-3 Water Quality Tests

- Conduct regular water analyses according to sampling frequency for the following tests:
 - Non-bottled drinking water as per **Table No. (1) below:**

No	Type of Test	Standards	Time Period
1	Chemical Standards	Sodium (Na), hardness as CaCO ₃ , copper, iron, zinc, calcium, magnesium, pH value at 25°C, total dissolved solids, bromates (BrO ₃), chlorides (Cl), nitrates (NO ₃), and sulfates (SO ₄)	6 months
2	Biological Standards	Coliforms and Escherichia coli	

- Non-drinking water as per **Table No. (2) below:**

Required Testing	Time Period
	All water systems
Legionella	Quarterly
Total Bacterial Count	

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

12-4 Water Quality in Drinking Water Coolers and Fountains

When using drinking water coolers, the following should be adhered to:

- Seal the cooler tanks tightly to protect them from contaminants and insects.
- Water filters should be changed periodically or according to the manufacturer's requirements.
- Keep the floors around the coolers dry to prevent insect breeding and algae growth around the cooler.
- The coolers should be made of rustproof materials and approved materials to prevent water contamination.
- Water coolers should be maintained regularly, and records of maintenance and inspections must be kept.

13- Indoor air quality

13-1 General Requirements:

- Periodic maintenance of ventilation and air conditioning systems, including cleaning air filters at least once a month.
- Providing adequate and appropriate means for the disposal of gases, vapors, and heat within the facility.
- Exhaust systems must be installed in areas with the highest levels of pollution, such as clothes drying areas, etc.

13-2 Indoor Air Quality Requirements for Separate Buildings:

- Regular maintenance of HVAC systems, including cleaning air filters at least once a month and replacing them as recommended by the manufacturer. Inspections for leaks and damages are mandatory.
- Cleaning air ducts at least once every three years if there is no microbiological contamination (e.g., mold) and immediately cleaning if any mold is detected by a specialized company.
- Immediate repair of leaks, maintaining humidity levels between 30% and 60%, and ensuring proper drainage of condensation and wastewater in areas prone to moisture accumulation.

Issue Date: 26 th March 2025 بيانات مفتوحة / OPEN DATA	Version # (5)
Superseded Issue Date: 4 th August 2025	Page 17 of 21

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

- It is preferable to provide an air exhaust system and an external ventilation system (fresh air handling unit) with appropriate conditioning according to the Dubai Building Code issued by Dubai Municipality.
- It is preferable to have mechanical ventilation systems that provide the minimum amount of outdoor air specified by the Dubai Building Code issued by Dubai Municipality.

Table (3): Air pollutants in new buildings:

Pollutant type (Sample)		Long term Exposure		Short-term Exposure		Minimum Exposure (Threshold) – Ceiling (TLV-C)
		Average exposure time	Maximum acceptable	Average exposure time	Maximum acceptable	
Gaseous pollutants	Total volatile organic compounds (TVOC)	8 hours	300 µg/m ³	None (instantaneous)	3 ppm	5.5 ppm
	Formaldehyde (HCHO)	8 hours	0.01 ppm	Half an hour (30 minutes)	0.08 parts per million (0.1 mg/m ³)	1 ppm
	Lead	3 months	0.15 µg/m ³	One hour	30 µg/m ³	50 µg/m ³
Suspended and biological particles	Suspended Particles (PM2.5)	24 hours	35 µg/cu.m.	One hour	100 µg/cu.m.	-
	Suspended Particulate Matter (PM10)	24 hours	150 µg/m ³	8 hours	100 µg/cu.m.	-
	Total bacterial count	bacterial colonies 500/m ³				-
	Total fungi count	colonies/m ³ 500				-

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

Table (4): Common air pollutants in existing buildings:

Pollutant type (Sample)		Long term Exposure		Short-term Exposure		Minimum Exposure (Threshold) – Ceiling (TLV-C)
		Average exposure time	Maximum acceptable	Average exposure time	Maximum acceptable	
Gaseous pollutants	Total volatile organic compounds (TVOC)	8 hours	600 µg/cu.m.	None (instantaneous)	3 ppm	5.5 ppm
	Formaldehyde (HCHO)	8 hours	0.01 ppm	Half an hour (30 minutes)	0.08 ppm (0.1 mg/m ³)	1 ppm
	ثاني أكسيد الكربون (CO ₂)	8 hours	800 ppm	None (instantaneous)	700 ppm above the limits of measuring the outside air level	5000 ppm
	اول أكسيد الكربون (CO)	8 hours	9 ppm (10 mg/m ³)	One hour	25 ppm (35 mg/m ³)	200 ppm
		24 hours	7 mg/m ³	Quarter Hour (15 minutes)	90 ppm (100 mg/m ³)	
	الأوزون (CO ₃)	8 hours	0.06 ppm (100 µg/m ³)	One hour	0.12 ppm	800 µg/cu.m.
ثاني أكسيد النيتروجين (NO ₂)	A Year (12 months)	40µg/m ³	One hour	0.1 ppm (200 µg/m ³)	10 ppm (in 5 minutes)	
	8 hours	150 µg/m ³	Quarter Hour (15 minutes)	1 ppm		
Suspended and biological particles	Suspended Particles (PM _{2.5})	24 hours	35 µg/cu.m.	One hour	100 µg/cu.m.	-
	Suspended Particulate Matter (PM ₁₀)	24 hours	150 µg/m ³	8 hours	100 µg/cu.m.	-
	Total bacterial count	bacterial colonies 1000				-
	Total fungi count	colony forming units 500				-

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

Table (5): Thermal comfort:

Parameter	Acceptable range	Unit	Notes
Air Dry-Bulb temperature	22.5 – 25.5	°C	Based on 80% Occupant Comfort
Relative Humadity	20 – 60	%	Should not exceed 56% at 27°C and 86% at 19°C
Air movement	0.2 – 0.3	M/s	-

 حكومة دبي GOVERNMENT OF DUBAI	Organization Unit:	Health & Safety Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document title:	Technical Guidelines on the Compliance of Laundry Facilities.	اسم الوثيقة:	
	Doc Ref:	DM-HSD-GU76-LRA2	رمز الوثيقة:	

14-Reference

- Local Order No. (11) of 2003 Concerning Public Health and Safety of The Society in The Emirate of Dubai
- Local Order No. (61) of 1991 concerning Environmental Protection Regulations in the Emirate of Dubai.
- Administrative Order No. (30) of 2007 Issuing Local Order No. (11) of 2003 Concerning Public Health and Safety of the Society in the Emirate of Dubai
- Technical Guidelines (44) on controlling Legionella bacteria in water systems.
- Technical Guidelines (17) for Quality of Un-bottled Drinking Water
- Technical Instructions Guide (107) for storage requirements for consumer products.
- Technical Guidelines (119) for Technical Guidelines for Indoor Air Quality for Healthy Life.
- Technical Guidelines (47) concerning the Inspection and Certification of Boilers and Pressure Vessels.
- Dubai Building Code issued by Dubai Municipality.

For more information	To submit (suggestions/comments/complaints)
1- Email: ehcinspection@dm.gov.ae 2- Dubai Municipality - Call Center (24/7): 800900	1- The unified platform for communication between the Dubai government and its customers /- Platform 04 through the link: https://04.gov.ae 2- Dubai Municipality - Call Center (24/7): 800900