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Standards for Dental Laboratory Service – Random Checklist

Name of the Facility: _____

Date of Inspection: ____/____/____

Ref.	Description	Yes	No	N/A	Remarks
5.	Standard One: Registration and Licensure Procedures				
5.5.	A Dental Laboratory within an outpatient facility is authorized to provide services exclusively to patients of the same facility or based on orders from dentists who are part of the same facility's ownership group. The laboratory is not permitted to accept or process requests from other dental facilities or laboratories.				
5.8.	The Dental Laboratory shall provide documented evidence of the following:				
5.8.1.	Equipment maintenance services.				
5.8.2.	Laundry services.				
5.8.3.	Medical waste management as per Dubai Municipality (DM) requirements,				
5.8.4.	Housekeeping services.				
5.9.	The health facility shall maintain charter of patients' rights and responsibilities posted at the entrance of the premise in two languages (Arabic and English).				
5.13.	Each facility shall maintain a written policy regarding each staff in the Dental Laboratory elaborating their Scope of Practice, Credential, Experience, Training and Privileges.				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Dental Laboratory Service – Random Checklist	CP_9.6.03_F34	02	May 13, 2025	May 13, 2028	1



6.	Standard Two: Health Facility Design Requirements				
6.1.8.	The health facility must maintain proper lighting and utilities, including temperature controls, water taps, medical gases, sinks, drains, electrical outlets, and communication systems, as required.				
6.1.10.	The Healthcare facility clearly display hazardous signs aimed to restrict access for the safety of visitors and staff.				
6.1.13.	Carpets cannot be used in the dental laboratories.				
6.1.15.	Wall finishes shall be washable, moisture-resistant and smooth, wall finish treatments shall not create ledges or crevices that can harbor dust and dirt.				
6.1.16.	Joints for floor openings for pipes and ducts shall be tightly sealed.				
6.1.19.	Chemical safety measures must be applied. These shall include emergency shower, eye-flushing devices, and appropriate storage for flammable liquids materials, etc.				
6.1.20.	The space allocated should be adequate for the activities performed. Local, direct exhaust must be placed over all burnout, casting and/or boil-out areas, with provision for outdoor ventilation. This exhaust must be located within 18 of the source equipment to effectively remove heat, smoke or odours.				
6.1.21.	If no local exhaust is provided, the Dental Laboratory must demonstrate that their ventilation system is effective through air sampling data and a high number of air exchanges per hour based on square feet of applicable area.				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Dental Laboratory Service – Random Checklist	CP_9.6.03_F34	02	May 13, 2025	May 13, 2028	2

6.1.22.	DLT should work in clean, well-lit and well-ventilated areas.				
6.1.24.	In the use of laboratory gases such as oxygen and argon, they must be placed securely and away from flammable gases. They must be store in an upright position marked as “empty” or “full” and indicating which gas they contain. Additionally, they should be secured through a canister holder or chained to the wall or building structure.				
6.1.26.	Appropriate first aid kit(s) must be readily accessible and regularly maintained in the facility.				
6.2.	Drainage System				
7.	Standard Three: Healthcare Professionals Requirements				
7.1.	All Healthcare Professionals (HP) working in Dental Laboratories should hold an active DHA license as per the Unified Professionals Qualification Requirements (PQR), and work within their scope of practice.				
7.2.	The Medical/Laboratory Director:				
7.2.1.	The Medical/Laboratory Director in an independent Dental Laboratory shall be a full time DHA licensed DLT or Dentists with additional qualifications in Dental Laboratory technology.				
7.3.	The Dental Lab Technician (DLT):				
7.3.1.	The scope of practice for DLT includes a wide range of responsibilities centered around the design, fabrication, and repair of dental prosthetics and devices. Key areas of expertise include but limited to:				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Dental Laboratory Service – Random Checklist	CP_9.6.03_F34	02	May 13, 2025	May 13, 2028	3

a.	Dentures (removable or fixed) for patients missing all their teeth.				
b.	Removable Partial Dentures and Fixed Bridges for patients with one or a few missing teeth.				
c.	Implant Supported Prosthesis, which integrate with dental implants.				
d.	Crowns and Caps: They design and manufacture crowns that restore the original size and shape of teeth, including implant crowns and other prostheses to support dental implants.				
e.	Orthodontic Appliances: They design and fabricate orthodontic appliances, including both fixed and removable options, to help straighten and protect teeth.				
7.4.	A Dental Laboratory Aid (DLA):				
a.	Assisting with the preparation and organization of materials and tools needed for the fabrication of dental devices.				
b.	Performing basic tasks such as pouring and trimming dental impressions, creating models, and preparing acrylics or other materials for impression-taking.				
c.	Cleaning and maintaining laboratory equipment and workspaces.				
d.	Supporting DLT by carrying out routine and less complex tasks under supervision.				
7.5.	Dental Laboratory Aide cannot work independently in a dental laboratory and cannot assist the dentist.				
7.6.	The Dentist:				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Dental Laboratory Service – Random Checklist	CP_9.6.03_F34	02	May 13, 2025	May 13, 2028	4

7.6.3.	Provide in writing specific directions and specifications to the DLT in respect of the services required.				
8.	Standard Four: Digital Dental Laboratory Services:				
8.6.	All personnel assisting in Digital Dental Laboratory the service provision must be appropriately trained, qualified, and have accredited certificate in dental technology competent in using digital technologies, including CAD/CAM system.				
9.	Standard Five: Infection Control				
9.2.	The HF must have an infection control and prevention program to identify and reduce risks of acquiring and transmitting infections among patients, healthcare personnel, and visitors.				
9.5.	Dental laboratories must operate under strict hygiene conditions, hence should follow one of two general considerations to manage infection control options as detailed below:				
a.	Option 1: The laboratory must be regarded as an isolated area. All prostheses, impressions, and other laboratory work shall be disinfected before entering the laboratory. Any dental work leaving the laboratory must be maintained in strict hygienic conditions to be dispatched to Dentists for patient use.				
b.	Option 2: The laboratory must have a receiving area to isolate, evaluate, and decontaminate all materials entering the laboratory. Any dental work leaving the laboratory must be maintained in strict hygienic				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Dental Laboratory Service – Random Checklist	CP_9.6.03_F34	02	May 13, 2025	May 13, 2028	5

	conditions to be dispatched to Dentists for patient use.				
9.15.	Sharps containers must be fixed near use areas.				
9.19.	Safety Data Sheets (SDS) shall be available for all chemical agents and disinfectants solutions used in the facility.				
9.21.	Waste and Environmental Management.				
9.21.1.	Waste and environmental management should support safe practice and a safe environment. The Dental Laboratory facility shall develop and implement waste and environmental management policies.				
9.21.3.	The waste management policy shall cover handling, storing, transporting, and disposing of all kinds of waste.				
9.21.4.	An independent storage area with dedicated containers must be available for disposing waste material. The area shall be ventilated properly.				
9.21.5.	The facility must have a contract with a specialized company to regularly collect, transport and destroy waste materials according to the conditions issued by the Public Health Department in Dubai Municipality.				
10.	Standard Six: Emergency and Safety				
10.2.	The facility shall establish a fire safety plan for early detection, confining, extinguishment, rescue, evacuation and alerting the Dubai Civil Defence.				
10.3.	The facility shall maintain fire extinguishers and fire protection equipment and devices as per the Dubai Civil Defence requirements.				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Dental Laboratory Service – Random Checklist	CP_9.6.03_F34	02	May 13, 2025	May 13, 2028	6

10.13.	Smoking inside the Dental Laboratory is strictly prohibited for all professionals and visitors.				
10.16.	All equipment used should be inspected, maintained and tested on a regular basis and according to manufacturers' specifications.				

Checklist	ID	Issue#	Issue Date	Revision Date	Page#
Standards for Dental Laboratory Service – Random Checklist	CP_9.6.03_F34	02	May 13, 2025	May 13, 2028	7