

6.11 Appendix 11 – Facility Types, FPU's and RDL's Guide



Facility Types, Functional Planning Units (FPU's) and Role Delineation (RDL) Guide

Under the Abu Dhabi Health Facility Guidelines, the requirements of each facility type are defined by their Functional Planning Units they contain. The name given to the facility is regarded as a convenient reference rather than an indicator of what is expected. The DOH Licensing Software online portal for licensing applications includes a list of common facility types. This document defines the single or multiple FPU's (Functional Planning Units) with are required for each facility type. Furthermore, the services and matching facilities provided may be at different RDL's (Role Delineation Levels).

This Guide is intended to assist the Applicant (Owner, Operator or Consultant) to understand the relationships between a Facility Type, its FPU's (both Mandatory and Optional) and the possible RDL's. For every FPU, there are specific facility requirements at different RDL's as shown in the text of Part B of these Guidelines such as the SOA. For each RDL, the clinical services provided and the skills which need to be present are indicated in the **Role Delineation Framework, Appendix 06 in Part A**.

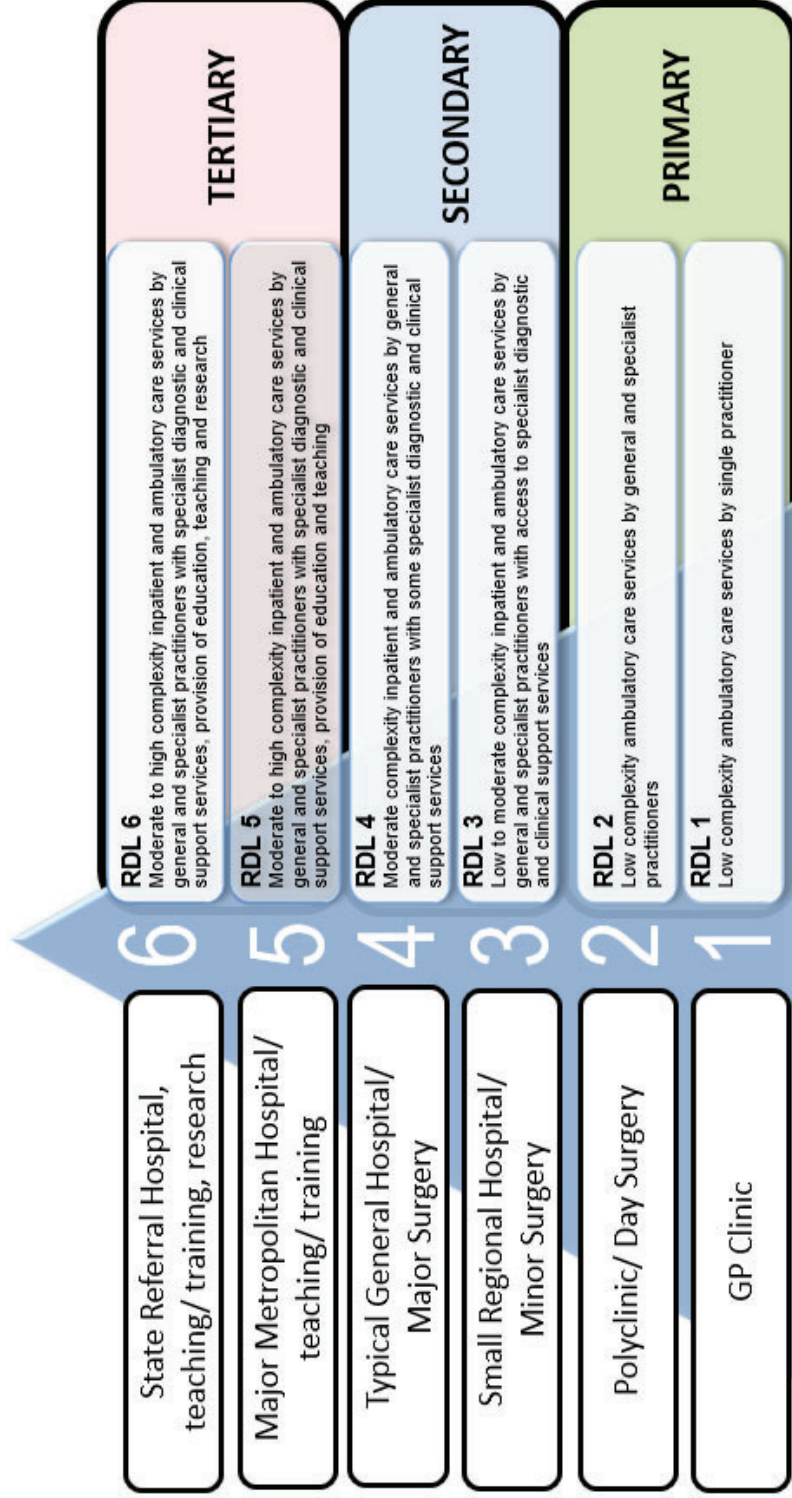
Role Delineation Definition

A simplified Role Delineation Level definition is provided below for quick reference:

RDL 1	Low complexity ambulatory care services by a single practitioner
RDL 2	Low complexity ambulatory care services by general and specialist practitioners
RDL 3	Low to moderate complexity inpatient and ambulatory care services by general and specialist practitioners with access to specialist diagnostic and clinical support services
RDL 4	Moderate complexity inpatient and ambulatory care services by general and specialist practitioners with some specialist diagnostic and clinical support services
RDL 5	Moderate to high complexity inpatient and ambulatory care services by general and specialist practitioners with specialist diagnostic and clinical support services, as well as provision of education and teaching
RDL 6	Moderate to high complexity inpatient and ambulatory care services by general and specialist practitioners with specialist diagnostic and clinical support services, as well as provision of education, teaching and research

RDL for the overall healthcare facility can be mapped to the conventional 3 categories Primary, Secondary and Tertiary care as per the diagram below.

Simple Role Delineation Guide



Facility Type Definition

The following table defines the following:

- Mandatory FPU's are the units which must be provided for each Facility Type
- Optional FPU's which may be provided in addition to the Mandatory FPU's based on the Facility's Service Plan
- RDL's (1 to 6) which may apply to the Facility Type
- The HFDC Prequalification Category (1 or 2) required to submit plans for that Facility Type by RDL's

Within the healthcare industry there are many alternative names given to the facility types. The following table provides the equivalent names which are sometimes used. Regardless of the name used, as far as the Abu Dhabi Health Facility Guidelines are concerned, the Facility Types are defined by the FPU's that they contain and services they provide.

Detailed requirements of each FPU can be found in **Part B – Planning Preliminaries** of these Guidelines.

HFDC Prequalification Categories are defined in **Part A** of these Guidelines. Category 1 Design Consultants only require professional qualifications in the respective Architectural and Engineering fields. Category 2 Design Consultants must indicate a high level of practical experience in Hospitals and Surgical facilities.

Facility Type (as per DOH Licensing Software)	Generic/ Alternative Name/ Description	Functional Planning Units (FPU) Mandatory and Optional		RDL ⁽²⁾	HFDC Category ⁽³⁾
General Hospital	Hospital Any facility with inpatient services with the Mandatory FPU's listed in this row. No particular specialisation required. RDL may be from 3 to 6.	Mandatory FPU's	- Main Entrance Unit - Medical Imaging Unit - General - Mortuary Unit - General - Operating Unit - Outpatients Unit - Pharmacy Unit - Public and Staff Amenities Unit - Sterile Supply Unit (SSU) - Supply Unit - Waste Management Unit	RDL 3 RDL 4 RDL 5 RDL 6	Cat 2 Cat 2 Cat 2 Cat 2
		Optional additional FPU's	- Maternity Unit - Medical Imaging Unit - Nuclear Medicine & PET - Mental Health Unit - Adults - Mental Health Unit - Child & Adolescent - Mental Health Unit - Older Persons Unit - Mobile Healthcare Unit - Oncology Unit - Chemotherapy Unit - Oncology Unit - Radiation Unit - Rehabilitation Unit - Allied Health - Renal Dialysis Unit		

Facility Type (as per DOH Licensing Software)	Generic / Alternative Name / Description	Functional Planning Units (FPU) Mandatory and Optional	RDL ⁽²⁾	HFDC Category ⁽³⁾
Specialty Hospital	Hospital Multi-specialty Hospital Super-specialty Hospital Centre of Excellence Any facility with inpatient services which has the basic General Hospital Requirements at minimum RDL 3 plus a number of Specialist services at higher RDL's such as 4, 5, 6. Facilities with one or more Specialist services and matching facilities at RDL 5/6 may be regarded as Centre of Excellence by the DOH.	Mandatory FPU's As per General Hospital above with additional FPU(s) related to the Specialty (or Service Line) required in order to qualify as a Specialty Hospital or Centre of Excellence. For example, Cardiology, Oncology, Neurology etc. Emergency Unit will no longer be mandatory. Refer to Optional Additional FPU's below for further explanation. Optional Additional FPU's As per General Hospitals above except Emergency Unit ⁽⁷⁾ will be optional.	RDL 4 RDL 5 RDL 6	Cat 2

Facility Type (as per DOH Licensing Software)	Generic / Alternative Name/ Description	Functional Planning Units (FPU) Mandatory and Optional		RDL ⁽²⁾	HFDC Category ⁽³⁾
Oncology Centre	Cancer Care Centre Health Centre Ambulatory Cancer Care Centre Polyclinic Medical Centre Any ambulatory care facility for Cancer diagnosis or treatment incorporating the Mandatory FPU's shown in this row.	Mandatory FPU's • Admissions Unit & Discharge • Clinical Information Unit • Laboratory Unit • Medical Imaging Unit - General • Medical Imaging Unit - Nuclear Medicine & PET	• Oncology Unit - Chemotherapy Unit • Outpatients Unit • Pharmacy Unit • Public and Staff Amenities Unit	RDL 2	Cat 1
		Optional additional FPU's • Administration Unit • Complementary & Alternative Medicine Unit • Dental Surgery Unit • Education Unit⁽⁴⁾ • Engineering and Maintenance Unit • Health Centres • Housekeeping Unit	• Linen Handling Unit • Oncology Unit - Radiation Unit • Rehabilitation Unit - Allied Health • Renal Dialysis Unit • Supply Unit • Waste Management Unit		

Facility Type (as per DOH Licensing Software)	Generic / Alternative Name / Description	Functional Planning Units (FPU) Mandatory and Optional		RDL ⁽²⁾	HFDC Category ⁽³⁾
Rehabilitation Centre	Day Rehabilitation Centre Ambulatory Rehabilitation Physiotherapy Centre Any ambulatory care facility specialised in rehabilitation services with Mandatory FPU's shown in this row.	Mandatory FPU's • Admissions Unit & Discharge • Clinical Information Unit⁽⁵⁾ • Main Entrance Unit⁽⁵⁾	• Public and Staff Amenities Unit⁽⁵⁾ • Rehabilitation – Allied Health Unit	RDL 2	Cat 1
		Optional additional FPU's • Administration Unit⁽⁵⁾ • Complementary & Alternative Medicine Unit • Day Surgery / Procedure Unit • Engineering and Maintenance Unit⁽⁵⁾ • Health Centres • Housekeeping Unit⁽⁵⁾	• Laboratory Unit • Linen Handling Unit⁽⁵⁾ • Medical Imaging Unit – General • Outpatients Unit • Pharmacy Unit • Supply Unit⁽⁵⁾ • Waste Management Unit⁽⁵⁾		
Day Surgical Centre	Day Surgery Centre Day Procedure Centre Invasive Imaging Centre Any ambulatory care facility providing ambulatory surgical services incorporating the mandatory FPU's in this row.	Mandatory FPU's • Administration Unit⁽⁵⁾ • Admissions Unit & Discharge • Clinical Information Unit⁽⁵⁾ • Day Surgery / Procedure Unit • Engineering and Maintenance Unit⁽⁵⁾ • Housekeeping Unit⁽⁵⁾ • Laboratory Unit • Linen Handling Unit⁽⁵⁾	• Main Entrance Unit⁽⁵⁾ • Outpatients Unit • Pharmacy Unit • Public and Staff Amenities Unit⁽⁵⁾ • Sterile Supply Unit (SSU) • Supply Unit⁽⁵⁾ • Waste Management Unit⁽⁵⁾	RDL 2	Cat 2

Facility Type (as per DOH Licensing Software)	Generic / Alternative Name / Description	Functional Planning Units (FPU) Mandatory and Optional	RDL ⁽²⁾	HFDC Category ⁽³⁾
		Optional additional FPU's • Cardiac Investigation Unit • Dental Surgery Unit • Endoscopy Unit • Health Centres • Medical Imaging Unit – General • Medical Imaging Unit – Nuclear Medicine & PET		
Fertility Centre	IVF (In-Vitro Fertilisation) Centre A specialised ambulatory care facility treating patients with fertility-related problems and incorporating the mandatory FPU's in this row.	Mandatory FPU's • Administration Unit⁽⁵⁾ • Clinical Information Unit⁽⁵⁾ • Housekeeping Unit⁽⁵⁾ • IVF Unit • Laboratory • Linen Handling Unit⁽⁵⁾ Optional additional FPU's • Pharmacy Unit	RDL 2	Cat 2
Renal Dialysis Centre	Renal Dialysis Centre A specialised ambulatory care facility providing treatments for patients requiring dialysis and incorporating the mandatory FPU's in this row. No inpatient beds are permitted.	Mandatory FPU's • Administration Unit⁽⁵⁾ • Clinical Information Unit⁽⁵⁾ • Housekeeping Unit⁽⁵⁾ • Laboratory • Linen Handling Unit⁽⁵⁾ • Main Entrance Unit⁽⁵⁾ Optional additional FPU's • Pharmacy Unit	RDL 2	Cat 1

Facility Type (as per DOH Licensing Software)	Generic / Alternative Name / Description	Functional Planning Units (FPU) Mandatory and Optional		RDL ⁽²⁾	HFDC Category ⁽³⁾
Polyclinic	Health Centre Super-specialty Centre Multi-specialty Centre A clinic with multi-specialities ambulatory services incorporating the mandatory FPU's in this row. If the Polyclinic includes Day Surgery, please refer to Day Surgical Centres above for additional FPU's required and the higher Consultant Category.	Mandatory FPU's • Administration Unit⁽⁵⁾ • Clinical Information Unit⁽⁵⁾ • Health Centre • Housekeeping Unit⁽⁵⁾ • Main Entrance Unit⁽⁵⁾	• Outpatients Unit • Public and Staff Amenities Unit⁽⁵⁾ • Supply Unit⁽⁵⁾ • Waste Management Unit⁽⁵⁾	RDL 2	Cat 1 Cat 2 if the facility includes Day Surgery
		Optional additional FPU's • Complementary and Alternative Medicine Centres • Dental Surgery Unit • Health Centres	• Laboratory Unit • Medical Imaging Unit – General • Pharmacy Unit		
Specialty Clinic	Specialist Clinic	Mandatory FPU's • Outpatients Unit • Public and Staff Amenities Unit⁽⁵⁾ • Supply Unit⁽⁵⁾		RDL 2	Cat 1
		Optional additional FPU's • Administration Unit⁽³⁾			
Convalence House	Long Term Care Centre	Mandatory FPU's • Administration Unit⁽⁵⁾ • Catering Unit⁽⁴⁾ • Housekeeping Unit⁽⁵⁾ • Linen Handling Unit⁽⁵⁾	• Inpatient Unit – General • Public and Staff Amenities Unit⁽⁵⁾ • Supply Unit⁽⁵⁾ • Waste Management Unit⁽⁵⁾	RDL 3	Cat 2
		Optional additional FPU's • Main Entrance Unit • Pharmacy Unit⁽⁵⁾			

Facility Type (as per DOH Licensing Software)	Generic / Alternative Name/ Description	Functional Planning Units (FPU) Mandatory and Optional		RDL ⁽²⁾	HFDC Category ⁽³⁾
Radio Diagnostic Centre	Medical Diagnostic Imaging Centre	Mandatory FPU's - Administration Unit⁽⁵⁾ - Clinical Information Unit⁽⁵⁾ - Engineering and Maintenance Unit⁽⁵⁾ - Housekeeping Unit⁽⁵⁾ - Linen Handling Unit⁽⁵⁾	- Main Entrance Unit - Medical Imaging Unit – General - Public and Staff Amenities Unit⁽⁵⁾ - Supply Unit⁽⁵⁾ - Waste Management Unit⁽⁵⁾	RDL 2	Cat 2
Diagnostic Centre (Multiple Specialties)	Radiology Medical Imaging	Mandatory FPU's - Administration Unit⁽⁵⁾ - Clinical Information Unit⁽⁵⁾ - Engineering and Maintenance Unit⁽⁵⁾ - Housekeeping Unit⁽⁵⁾ - Laboratory Unit - Linen Handling Unit⁽⁵⁾ Optional additional FPU's - Cardiac Investigation Unit - Medical Imaging Unit – Nuclear Medicine & PET	- Main Entrance Unit - Medical Imaging Unit – General - Public and Staff Amenities Unit⁽⁵⁾ - Supply Unit⁽⁵⁾ - Waste Management Unit⁽⁵⁾	RDL 2	Cat 2
Medical Laboratory	Pathology Laboratory	Mandatory FPU's - Administration Unit - Engineering and Maintenance Unit⁽⁵⁾ - Housekeeping Unit⁽⁵⁾ - Laboratory	- Public and Staff Amenities Unit⁽⁵⁾ - Supply Unit⁽⁵⁾ - Waste Management Unit⁽⁵⁾	RDL 1	Cat 2

Facility Type (as per DOH Licensing Software)	Generic / Alternative Name / Description	Functional Planning Units (FPU) Mandatory and Optional	RDL ⁽²⁾	HFDC Category ⁽³⁾
Dental Laboratory		As Per DOH Dental Laboratory Regulation	RDL 1	Cat 1
Hospital (Inpatient) Pharmacy	Central Pharmacy	Mandatory FPU's Pharmacy Unit	RDL 3 RDL 4 RDL 5 RDL 6	Cat 1 Cat 2 Cat 2 Cat 2
Community (Outpatient) Pharmacy	A stand-alone pharmacy in any location A pharmacy attached to an Ambulatory Care Centre, Polyclinic or similar An outpatient pharmacy within the hospital serving outpatients, the discharged patients or general public	Mandatory FPU's Pharmacy Unit	RDL 1 RDL 2	Cat 1 Cat 2
TCAM Center	Traditional Medicine Complementary Medicine Acupuncture Centre Ayurveda Treatment Centre	Mandatory FPU's Complementary & Alternative Medicine Unit	RDL 1	Cat 1
		Optional additional FPU's Administration Unit⁽⁵⁾		
General Clinic	Family Clinic GP Clinic	Mandatory FPU's - Administration Unit⁽⁵⁾ - Outpatients Unit	RDL 1	Cat 1
Dental General Clinic	Dental Surgery	Mandatory FPU's - Dental Surgery Unit - Public and Staff Amenities Unit⁽⁵⁾ - Supply Unit⁽⁵⁾	RDL 1	Cat 1
		Optional additional FPU's Administration Unit⁽⁵⁾		

Part A: Administrative Provisions
Appendix 11: Facility Types, FPU's and RDL's Guide

Facility Type (as per DOH Licensing Software)	Generic / Alternative Name / Description	Functional Planning Units (FPU) Mandatory and Optional	RDL ⁽²⁾	HFDC Category ⁽³⁾
Company Clinic	An on-site medical clinic within a licensed commercial or industrial facility providing basic nursing care. General medicine services can only be provided by a qualified doctor. A full-time and qualified nurse per treatment area will be minimum staff required.	Mandatory FPU's Outpatients Unit	RDL 1	Cat 1
Hotel Clinic	An on-site medical clinic within a licensed commercial or industrial facility providing basic nursing care. General medicine services can only be provided by a qualified doctor. A full-time and qualified nurse per treatment area will be minimum staff required.	Mandatory FPU's Outpatients Unit	RDL 1	Cat 1
School Clinic	An on-site medical clinic within a licensed school campus providing basic nursing care. General medicine services can only be provided by a qualified doctor. A full-time and qualified nurse per treatment area will be minimum staff required.	Mandatory FPU's Outpatients Unit	RDL 1	Cat 1
Drug Store	Pharmacy Store A stand-alone storage facility for holding pharmaceutical products where no clinical services can be provided.	Mandatory FPU's - Administration⁽⁵⁾ - Pharmacy (related to storage of various types of drugs only)	RDL 1	Cat 1
Relaxing Massage Centre	Spa Relaxation Centre A facility which provides non-surgical cosmetic services.	Mandatory FPU's Complementary & Alternative Medicine Unit⁽³⁾	RDL 1	Cat 1
Special Needs Centre	Facilities intended for the care of disabled but otherwise health people	Contact DOH for further information	RDL 1	Cat 1

Part A: Administrative Provisions
Appendix 11: Facility Types, FPU's and RDL's Guide



Facility Type (as per DOH Licensing Software)	Generic/ Alternative Name/ Description	Functional Planning Units (FPU) Mandatory and Optional	RDL ⁽²⁾	HFDC Category ⁽³⁾
Air Ambulance	Patient transfer service via Helicopter or Airplane	Contact DOH for further information	RDL 1	Cat 1
Optical Centre	A facility which provides optometry services including dispensing of optical devices.	As Per DOH Optical Center and Optometry Services	RDL 1	Cat 1
Beauty Centre Salon	A facility which provides non-surgical cosmetic services.	As Per DOH Standards for Non-Surgical Cosmetic Services	RDL 1	Cat 1
Home Health- care Agency	Home Care Home Nursing Hospital in the Home (HITH) Rehabilitation in the Home (RITH) A facility where exchange of patients' medical information from one site to another is conducted via the internet.	As Per DOH Home Healthcare Regulation	RDL 1	Cat 1
Telehealth	Telemedicine A facility where exchange of patients' medical information from one site to another via the internet.	As Per DOH Telehealth Regulation	RDL 1	Cat 1
Mobile Healthcare Unit	Mobile Health Vehicle This is not currently available on DOH Licensing Software. Owner/ Operator who wishes to provide this service must contact DOH and seek their approval. Mandatory FPU's • Mobile Healthcare Unit		RDL 1	Cat 1

Note:

- Not Mandatory but to be determined by the Service Plan of the Facility.
- By default, the same RDL applies to the whole facility and the FPU's within the facility unless permitted otherwise by the full Role Delineation Framework (refer to Appendix 6 of Part A of these guidelines). If one or more of the Specialties and their matching facilities are provided at RDL5/6, then the facility will be recognized by the DOH as a Centre of Excellence in those services. The single or multi RDL's indicated next to each Facility Type represents the minimum permitted RDL and the relationship to the Consultants Prequalification Category in the next column.
- For Consultants Prequalification and the definition of Categories, refer to Part A, Section 4, Prequalification of Health Facility Design Consultants of these Guidelines.
- When a full-service Catering Unit is not provided, a holding and reheating area sized to the facility's requirement must be provided.
- Support services should be sized accordingly to the number of staff, Role delineation level (RDL) and service plan as defined by the Facility.
- Education Unit is mandatory for teaching Hospital at RDL (Role Delineation Level) 05 and research hospital at RDL 06.
- Emergency Unit is mandatory in General Hospitals and optional in Specialty Hospitals. Health Facility Owner/ Operator must contact DOH directly for further details and services requirements as Emergency Service will be part of the Emirate-wide health services strategy.
- These are Functional Planning Units that are similar and could be used as a guide.
- Co-locating multiple 'Facility Type' is not prohibited. However, each Facility Type may require their separate DOH licence.
- It should be noted the HFDC Categories noted in the above table refer only to Design Consultants, not Professional Consultants in the medical profession.

6.12 Appendix 12 - Health Facility Design Review Checklist