

Appendix H

UNIFORM PLUMBING CODE OF ABU DHABI:
AN ENVIRONMENTAL GUIDE FOR
WATER SUPPLY AND SANITATION**TABLE H-3**
Building Drains and Building Sewers^a

Diameter of Pipe, mm	Maximum Permissible Fixture Units for Sanitary Building Drains and Runouts from Stacks			
	Slope, mm/m			
	5	10	20	40
50			21	26
65			24	31
80		20	42 ^b	50 ^b
100		180	216	250
125		390	480	575
150		700	840	1,000
200	1,400	1,600	1,920	2,300
250	2,500	2,900	3,500	4,200
300	2,900	4,600	5,600	6,700
375	7,000	8,300	10,000	12,000

^a On-site sewers that serve more than one building may be sized according to the current standards and specifications of the Authority Having Jurisdiction for public sewers.

^b No more than two water closets or two bathroom groups, except in single-family dwellings, where no more than three water closets or three bathroom groups may be installed. Check the local codes in the area served for exact requirements or restrictions.

SI: 1mm = 0.04 in.; 1m = 3.3 ft.

TABLE H-4
Horizontal Fixture Branches and Stacks

Diameter of Pipe mm	Maximum Number of Drainage Fixture Units that May be Connected			
	Any Horizontal Fixture Branch ^a	1 Stack of 3 or Fewer Branch Intervals	Stacks Exceeding 3 Branch Intervals	
			Total for Stack	Total at 1 Branch Interval
40	3	4	8	2
50	6	10	24	6
65	12	20	42	9
80	20 ^b	48 ^b	72 ^b	20 ^b
100	160	240	500	90
125	360	540	1,100	200
150	620	960	1,900	350
200	1,400	2,200	3,600	600
250	2,500	3,800	5,600	1,000
300	3,900	6,000	8,400	1,500
375	7,000	6,000	8,400	1,500

^a Does not include branches of the building drain.

^b No more than 2 water closets or bathroom groups within each branch interval or more than 6 water closets or bathroom groups on the stack.

SI: 1mm = 0.04 in.