

# ADVICE NOTE – MARQUEES

## TABLE 1 – FIRE SAFETY PRECAUTIONS REQUIRED

Numbers of occupants	Means of Escape (exits)	Exit Signage	Illuminated Exit Signage	Fire Alarm	Telephone	Evacuation Procedure	Fire Extinguisher	Emergency Lighting Throughout
Up to 50	One	Yes	No	No	No	Yes	No	No
51 to 100	Two	Yes	No	Yes	Yes	Yes	No	No
101 to 250	Two	Yes	No	Yes	Yes	Yes*	No	No
251 to 500	Two	Yes	Yes	Yes	Yes	Yes*	Yes	No
501 to 1000	Three	Yes	Yes	Yes	Yes	Yes*	Yes	Yes
1001 to 2000	Four	Yes	Yes	Yes	Yes	Yes*	Yes	Yes
Over 2000	Specific Design by a Fire Engineer							

\* To be approved by the New Zealand Fire Service

## TABLE 2 – OCCUPANT DENSITIES

Area	Users/m <sup>2</sup>
Bar standing area	2.0
Loose seating	1.3
Bar sitting area	1.0 (or number of seats)
Restaurants, dining rooms, loose seating with tables	0.9 (or number of seats)
Dining, beverage & cafeteria spaces	0.8
Exhibition areas, trade fairs	0.7
Showrooms	0.2
Furniture, floor covering, large appliance, building supply & manchester retail space	0.1
Kitchens	0.1
Fixed seating areas	Number of seats

## TABLE 3 – PERSONAL HYGIENE FACILITIES

Occupant Numbers (Standard Facilities)	Number of Fixtures
1 – 5	1
6 – 40	2
41 – 80	3
> 80	Add 1 per 50
<b>Occupant Number (Accessible Facilities)</b>	
1 – 300	1
> 300	2

### Calculate Occupant Numbers:

Marquee area  m<sup>2</sup> x occupant density (table 2)  =  occupants

### Calculate Exit Width:

[occupants  x 7mm / [no. exits (table 1)  - (widest)] =  mm (Min. 1000)

### Calculate Sanitary Facilities (over 80 occ.):

[occupants  - 80 / 50 =  +3 =  Fixtures

(must include 1 accessible unit for 1 – 300 occupants or 2 accessible units for > 300 occupants)