

From: ENS Public Safety

Sent: 23 May 2019 12:16

To: Business Licence <business.licence@brent.gov.uk>; Patel, Yogini <Yogini.Patel@brent.gov.uk>; kana; bluediamondstar; Legister, Linda <Linda.Legister@brent.gov.uk>; peter.francis@london-fire.gov.uk

Subject: RE: Capacity Assessment

Dear Mr Kana

Please include me in your emailed replies regarding Public Safety Consultation, this will save time.

I would like to visit the premises to confirm the measurements for the fire escapes, shall we say Wednesday the 29th at 10:00?. Please note the following;

Calculating the Exit Capacity

To establish the number of persons the hall will accommodate in relation to the number of exit doors (i.e. the exit capacity) the following steps must be carried out:

Measure and add together the widths of all the exit doors (in metres):

- Divide by 0.750m (minimum single door width):
- Multiply by 40 (maximum number of persons exiting per minute): and;
- Multiply by 2.5 (minutes to evacuate).

Example 1

The hall has 5 final exit doors, each door width measures:

(Remember! Any door less than 0.750m wide should not be included in the calculation)

Exit Door 1 - 1.0m

Exit Door 2 - 0.65m

Exit Door 3 - 0.75m

Exit Door 4 - 1.0m

Exit Door 5 - 1.14m

Exit Door 2 is less than 0.750m wide and must be excluded under Rule 3 above.

Exit Door 5 is the largest exit door and must be excluded under Rule 5 above.

This leaves:

Exit Door 1 - 1.0m

Exit Door 3 - 0.75m

Exit Door 4 - 1.0m

$$- \quad 2.75\text{m} \div 0.750 = 3.6 \times 40 = 144 \times 2.5 = 360 \text{ persons}$$

Total exit capacity = 360 persons

In your case I make the following calculation

Exit A: (820 mm wide) = 100

Exit B: (1500 mm wide) = 290

Exit C: (1100 mm wide) = 200

- Maximum exit capacity, A+B+C = 590
- Discount the largest Exit (B)
- $1.92 / 0.75 = 2.56 \times 40 = 102.4 \times 2.5 = 256$

Kind regards

Mr Chris Pearce
Public Safety Officer

From: Kana Naheerathan [REDACTED]
Sent: 22 May 2019 11:54
To: Business Licence <business.licence@brent.gov.uk>
Cc: Legister, Linda <Linda.Legister@brent.gov.uk>; suresh sabarathnam [REDACTED]
Subject: Fwd: Capacity Assessment

Dear Sirs

Please find attached risk assessment for 34-38 Steele Road, Park Royal, London NW9 7AS

Kind Regards

Kana Naheerathan

----- Forwarded message -----

From: **suresh sabarathnam** <suresh@sabarathnam.com>
Date: Tue, May 21, 2019 at 2:03 PM
Subject: Fwd: Capacity Assessment
To: [kana@](mailto:kana@brent.gov.uk) <kana@brent.gov.uk>

From: Harry Caneppele <hcaneppele@brent.gov.uk>
Sent: Monday, May 20, 2019 4:21 pm
To: suresh sabarathnam
Subject: Capacity Assessment

Hi Suresh

I've put this together - I hope it helps.

I recommend you speak to the London Fire Brigade - your local branch, who may be able to come out and assist. Did they really say 120 persons?

Regards
Melissa

--

Kana Naheerathan
Principal and Accountant