# Fire Risk Assessment

## 1 Premises particulars

<table>
<thead>
<tr>
<th>Premises Name</th>
<th>Brew By Numbers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>75 Enid Street, London, SE16 3RA.</td>
</tr>
<tr>
<td>Tel no:</td>
<td>0207 237 9794</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Use of Premises</th>
<th>Warehousing, office space and brewery tap room</th>
</tr>
</thead>
</table>
| Owner/Employer/Person in control of the workplace | David Seymour  
                  | Tom Hutchings |

<table>
<thead>
<tr>
<th>Date of Risk Assessment</th>
<th>20 April 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date of Review</td>
<td>20 April 2017</td>
</tr>
</tbody>
</table>

**Name & relevant details of the person who carried out the Fire Risk Assessment**

David Seymour – director and brewer.

## 2 General statement of policy

**Statement:**

It is the policy of Brew By Numbers to protect all persons including employees, customers, contractors and members of the public from potential injury and damage to their health which might arise from work activities.

The company will provide and maintain safe working conditions, equipment and systems of work for all employees, and to provide such information, training and supervision as they need for this purpose.

The company will give a high level of commitment to health and safety and will comply with all statutory requirements.

Signed: David Seymour      Date: 20 April 2016
Commentary:

Planning: Carry out a detailed inspection and identify the hazards.

Organisation: Two working directors plus employees.

Control: The two directors control all elements.

Monitoring: Regular checks will be carried out by one or both of the directors at intervals of six months.

Review: Reviews will be undertaken annually or in the event of major alterations to the premises layout.
4 General description of premises

Description: Premises consists of brick build railway arch with concrete floor, lined with steel profile sheet. Ceiling lined with profile polypropylene sheet. Building over 100 years ago. Lining circa 10 years old.

Premises dimensions: 43.3m x 5.3m

Occupancy

Times the Premises are in use: 08:00 to 18:00
until 23:00 during tap room hours

The Total Number of persons Employed within the premises at any one time: 6-10

The Total Number of persons who may resort to the premises at any one time: 243 during tap room hours

Size

Building footprint (Metres x Metres): 229m²

Number of floors: One

Number of Stairs: None

5 Fire safety systems within the premises

Fire Warning System: (i.e. automatic fire detection, break-glass system to BS 5839, other)
   Manual fire alarm at entrance/exit.

Emergency Lighting: (i.e. maintained/non-maintained, 1hr/3hr duration to BS 5266)
   Battery operated emergency lighting fitted.

Other: (i.e. Sprinkler system to LPC rules BS 5306)
   None. Limited open area, commencement and propagation hazard minimal.
Plan drawing

KEY:
- **KEY:**
  - **EMERGENCY LIGHTING**
  - **MANUAL FIRE ALARM**
  - **WALL MOUNTED CO2 FIRE EXTINGUISHER**
  - **FIRE ACTION SIGN**
  - **FIRE EXIT SIGN**
  - **MEANS OF ESCAPE**

OUTDOOR AREA

STAFF TOILET

10.0M

3.6M

18.0M

11.5M

13.2M

NO CUSTOMERS BEYOND THIS POINT

WAREHOUSE

CONDITIONING ROOM

ROLLER SHUTTER DOORS

ONLY POINT OF INGRESS/EGRESS

EXIT WIDTH 3500mm

PORTABLE TOILETS FOR CUSTOMER USE

SEATING FOR 40 PEOPLE

36.0m²

17.9m²

39.3m²

PLAN OF 75 ENID STREET, SE16 3RA

SCALE 1:100
## Identify fire hazards

### Sources of Ignition:
- Small electric domestic oven, rarely used.
- Fixed lighting.
- Arson risk minimal. Only ingress through single roller shutter door. No windows.
- 3-phase electrical supply.
- Wall mounted 15kW space heater.

### Sources of Fuel:
- Pallet storage of beer in cases to 2.5 pallets high.
- Waste materials are removed to outside locked wheelie bins.
- Stacked empty pallets
- Small office area with usual fittings.
- Cardboard cartons.

### Work Processes:
- Storage rack.
- Office space.

### Structural features that could promote the spread of fire:
- Minimal combustible materials in structure.
- Single workspace with incombustible partition walls.
Identify people at risk

Identify and specify the likely location of people at significant risk in case of fire, indicating why they are at risk, and what control's are or need to be in place:

- Staff – 6-10 people max.
- Occasional visitors.
- Taproom visitors/customers – in the front 18m only.
- Contractor personnel – as required.
- Rear toilet is potential isolation zone, but manual fire alarm is clearly audible therein.
- Roller shutter door always open during taproom hours.
- Use of external portaloos only then.
Evaluate: Commencement risk minimal. Propagation risk minimal.

Remove: Fire hazards already minimal.

Reduce: As above.

Protect from risk: Ensure all staff are fully trained and briefed on hazards.
10 Means of escape – horizontal evacuation

Commentary:

Warehouse:

- Maximum travel distance to exit is 43m.
- Single escape route, easily visible and available at all times.
- One exit: During working hours – wicket gate, 620 x 1670 mm
  Roller shutter up for access/goods & open in summer
  6-10 persons max.
- Independent door to toilet.
- Twin sliding doors to conditioning room.
- Exit leads directly to safe area outside.
- Open area completely wheelchair accessible.

11 Means of escape – vertical evacuation

Commentary:

Me z zanine may be installed in warehouse for office use.
12 Fire safety signs & notices

Commentary:
- Signs installed.
- Fire fighting equipment clearly labelled.

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13 Fire warning system

Commentary:

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14 Emergency lighting system

Commentary:
- Battery operated emergency lighting installed.

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15 Fire fighting equipment

Commentary:
- Fire extinguishing appliances to be positioned appropriately.
- Extinguisher maintenance contract in place.
<table>
<thead>
<tr>
<th>Section</th>
<th>Yes / No</th>
<th>Commentary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Is there a maintenance programme for the fire safety provisions in the premises</td>
<td>Yes / No</td>
<td></td>
</tr>
<tr>
<td>Are regular checks of fire resisting doors, walls &amp; partitions carried out</td>
<td>Yes / No</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Are regular checks of escape routes &amp; exit doors carried out</td>
<td>Yes / No</td>
<td>Visual inspection on ad hoc basis.</td>
</tr>
<tr>
<td>Are regular checks of fire safety signs carried out</td>
<td>Yes / No</td>
<td>Visual inspection.</td>
</tr>
<tr>
<td>Is there a maintenance regime for the fire warning system</td>
<td>Yes / No</td>
<td>Weekly test of manual fire alarm.</td>
</tr>
<tr>
<td>Is there a maintenance regime for the emergency lighting system</td>
<td>Yes / No</td>
<td>On site monthly checks.</td>
</tr>
<tr>
<td>Is there maintenance of the fire fighting equipment (By competent person?)</td>
<td>Yes / No</td>
<td>On site monthly visual checks.</td>
</tr>
<tr>
<td>Are records kept &amp; their location identified</td>
<td>Yes / No</td>
<td>To be kept on site, in office.</td>
</tr>
</tbody>
</table>
Method for calling the fire service

Specify: Telephone call by personnel.

Emergency Action Plan (EAP)

Commentary:

Please see Fire Emergency Action Plan attached at end of document. Directors both understand and agree to this action plan.

Training

Commentary:

New employees given on-site training upon employment.
<table>
<thead>
<tr>
<th>Deficiency/Rectification</th>
<th>Priority</th>
<th>Date to be Rectified</th>
<th>Date Rectified</th>
</tr>
</thead>
<tbody>
<tr>
<td>Position and appropriately mount fire extinguishing equipment.</td>
<td>HIGH</td>
<td>28/04/16</td>
<td>26/04/16</td>
</tr>
<tr>
<td>Site plan to be updated and included</td>
<td>HIGH</td>
<td>28/04/16</td>
<td>28/04/16</td>
</tr>
<tr>
<td>Emergency lighting system to be inspected</td>
<td>MID</td>
<td>31/05/16</td>
<td></td>
</tr>
</tbody>
</table>

*Insert additional pages as required*
<table>
<thead>
<tr>
<th>Significant Finding</th>
<th>Control Measure/Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rear 25m of premises beyond building regulations maximum travel distance requirements.</td>
<td>During taproom hours, barriers will be in place to prevent customers from going beyond 18m from the point of egress.</td>
</tr>
<tr>
<td>Staff toilet is located at the back of the premises in the rear 25m of the premises</td>
<td>All taproom visitors use external portalooes. Internal toilet used by staff, occasional visitors and contracted personnel only.</td>
</tr>
<tr>
<td>Wicket door alone not suitable for open days.</td>
<td>Roller shutter door will be raised for the entirety of taproom hours, year round. No customers will enter or exit via the wicket door, nor will this be the only exit at any time a customer may be within the premises.</td>
</tr>
</tbody>
</table>
Specify:

No additional hazards.

Need to consult fire service

Yes / No