

Application to the relevant hazardous substances authority (planning authority)

The Planning (Hazardous Substances) Act 1990 - Section 7(1)

England - The Planning (Hazardous Substances) Regulations 2015 (Regulation 5)

Wales - The Planning (Hazardous Substances) (Wales) Regulations 2015 (Regulation 5)

Application for Hazardous Substances Consent

1	Applicant	Moulton Bulb Company Ltd.
	Address	Lone Lane
		Moulton, Lincs.
	Post code	PE12 6PP
	Telephone number	01406 370380
	Person in control of the land to which the application relates, if different to above	Robert Oldershaw
	Address	
	Post code	
	Telephone number	
2	Address or other location details of application site	Moulton Bulb Company Ltd.
		Long Lane
	Post code	PE12 6PP
	OS grid ref	52.791801, -0.078816

3 Hazardous substance(s) covered by the application

- (a) List named substances falling within Part 2 of Schedule 1 to the Regulations first, then list any substances falling within the categories in Part 1 of that Schedule; finally list substances falling within the description in Part 3.
- (b) Substances falling within Parts 1 or 3 of Schedule 1 to the Regulations may be listed under the relevant category or description or named specifically. Where a substance falls within Part 1 and 2 list under Part 2 only; where a substance falls within more than one category in Part 1 list under the category which has the lowest controlled quantity. Where a substance falling within Part 1 or 2 also falls within Part 3 list under the Part which has the lowest controlled quantity. The “controlled quantity” means the quantity specified for that substance in column 2 of Parts 1, 2 or 3 of Schedule 1 to the Regulations.

Note: The addition rule as set out in the schedule to the regulations should be applied to determine whether consent is required for substances below the Controlled Quantity. Examples are given in the associated planning guidance. The Planning (Hazardous Substances) (Amendment) Regulations 2017 are relevant to the use of the

addition rule in England only. The Planning (Hazardous Substances) (Amendment) Regulations 2015 are relevant to Q* (addition rule) for LPG, and relevant to notes about ammonium nitrate.

Table A

<i>Name, or relevant category or description of substance</i>	<i>Part number in Schedule 1 to the Regulations, and entry number if Part 2, category if Part 1, identity if Part 3</i>	<i>Do you have a current PHS consent* in respect of this substance? (Yes/No)</i>	<i>If "yes", state quantity for which consent granted</i>	<i>Maximum quantity proposed to be present in tonnes</i>
LPG – Propane Only. Confirmed by Flogas	Part 2 – Entry 18	NO		48 Tonnes

*a hazardous substances consent

Where in Table A consent is sought for any substance below the relevant Control Quantity, give the reason in the box below including the calculation for each relevant type of hazard (health, physical and/or environmental) with the q/Q fractions that add to greater than or equal to 1.

Current Hazardous Substance Consent H13-1177-19. Copy attached.

4 Manner in which substance(s) are to be kept and used

For each substance, category or description of substance, covered by the application, provide the following information, referring to the substance location plan where appropriate.

“vessel” means any container designed or adapted to contain hazardous substances which is affixed to the land, and includes a container which forms part of plant or machinery which is affixed to the land but does not include a pipeline.

“Buried” or “Mounded” vessel includes a vessel which is only partially buried or partially mounded.

“moveable container” means any container designed or adapted to contain hazardous substances other than a vessel.

(a) Tick one box below to show whether the substance(s) will be present for storage only **or** will be stored and involved in a manufacturing, treatment or other industrial process:

Table B

<i>Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3</i>	<i>Storage only</i>	<i>Stored and involved in an industrial process</i>
LPG Part 2 – Entry 18 LPG – Propane Only. Confirmed by Flogas		X

(b) For each vessel to be used for **storing** the substance(s) give the following information:

Vessel No*	Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Installed above ground† (Yes/No)	Buried (Yes/No)	Mounded (Yes/No)	Maximum capacity (Litres)	Highest vessel design temperature °C	Highest vessel design pressure (bar absolute)
Site 1 Store 5000	ALL Part 2	ALL – YES	ALL - NO	ALL - NO			
1	Entry 18	No			4621*	47.5°C	18.68*
2	LPG –	secondary			4621*	47.5°C	18.68*
3	Propane	containment.			4621*	47.5°C	18.68*
4	Only.	LPG			4621*	47.5°C	18.68*
5	Confirmed by Flogas				3965*	47.5°C	18.68*
Site 2 Store 4000 Installation A							
6							
7					3900*	47.5°C	18.68*
8					3900*	47.5°C	18.68*
9					4600*	+50°C	18.68**
10					4600*	+50°C	18.68**
11					4600*	+50°C	18.68**
					4600*	+50°C	18.68**
Site 2 Store 4000 Installation B							
14							
15					4600*	+50°C	18.68**
16					4600*	+50°C	18.68**
17					4600*	+50°C	18.68**
18					4600*	+50°C	18.68**
19					4600*	+50°C	18.68**
					4600*	+50°C	18.68**
Site 3 Forklift Tanks							
12							
13					3900*	47.5°C	18.68*
					4600*	47.5°C	18.68*
Site 4 Store 4000 Installation C							
20							
21					4600*	48°C	18.5**
22					4600*	48°C	18.5**
23					4600*	48°C	18.5**
24					4600*	48°C	18.5**
					*Water Capacity		*Design Pressure Test Pressure 23.35 **Design Pressure Test Pressure 26.72

* identify by reference to substance location plan

† if “Yes”, specify whether or not it will be provided with full secondary containment

Highlighted Yellow – New installation

- (c) For each substance, category, or description of substance, state the largest size (capacity in cubic metres) of any **moveable** container(s) to be used for that substance, category, or description of substances:

Table C (ii)

<i>Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3</i>	<i>Storage area on site*</i>	<i>Maximum capacity (cubic metres) of individual moveable containers</i>
N/A	N/A	N/A

* identify by reference to substance location plan

- (d) Where a substance, category or description of substance is to be used in a **manufacturing, treatment or other industrial process(es)**, give a general description of the process(es), describe the major items of plant which will contain the substance(s); and state the maximum quantity (in tonnes) which is liable to be present in the major items of the plant, and the maximum temperature (°C) and pressure (bar absolute) at which the substance, category or description of substance is liable to be present:

Table D

<i>Substance including Part no. in Schedule 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3</i>	<i>Description of process(es)</i>	<i>Major items of plant*</i>	<i>Max. quantity (tonnes)</i>	<i>Max. temp. (°C)</i>	<i>Max. pressure (bar absolute)</i>
Part 2 Entry 18 LPG – Propane Only. <i>Confirmed by Flugas</i>	LPG used for curing and conditioning onions	Store 5000	9.69T	40.0°C	23.35
Part 2 Entry 18 LPG – Propane Only. <i>Confirmed by Flugas</i>	LPG used for curing and conditioning onions	Store 4000 Installation A	11.31T	40.0°C	2 3.35
Part 2 Entry 18 LPG – Propane Only. <i>Confirmed by Flugas</i>	LPG used for curing and conditioning onions	Store 4000 Installation B	11.91T	40.0°C	2 3.35
Part 2 Entry 18 LPG – Propane Only. <i>Confirmed by Flugas</i>	LPG used for curing and conditioning onions	Store 4000 Installation C	9.93T	40.0°C	2 3.35
Part 2 Entry 18 LPG – Propane Only. <i>Confirmed by Flugas</i>	Forklift filling station.	Forklift filling station.	3.67T	40.0°C	23.35
			Total site Tonnage 46.51		

* identify by reference to substance location plan

Highlighted Yellow – New installation

5 Additional Information

- (a) If you have an existing PHS consent(s) as referred to in Table A, **attach a copy of each consent** to this application.

- (b) **List the maps or plans** or any explanatory scale drawings of plant/buildings submitted with this application (**as a minimum submit a site map and a substance location plan** – see **Notes** below).

Enter list of maps and plans here

- (c) Provide a brief overview description of the **main activities** carried out or proposed to be carried out on the land to which the application relates.

Store 5000 – The LPG installation used to provide heat for curing harvested onions (drying the skin).

Forklift Tanks – The LPG installation used for the refilling of onsite forklift gas bottles.

Store 4000 (existing store) + Store 4000B (new store under construction).
 Currently 2 x tanks sets that supply Store 4000
 Store 4000 – Installation A
 Store 4000 – Installation B

Amend:
 Store 4000 – Installation C is a new tank set that has been installed. Flogas have connected Store 4000 Installation A, B and C so that both Store 4000 and Store 4000B can be ran from the 3 tank sets.
 The LPG installations are used to provide heat for curing harvested onions (drying the skin).

- (d) Provide details of how each relevant substance is proposed to be transported to and from the land to which the application relates, for example the size and frequency of vehicle deliveries, the size or maximum flow rate of pipeline imports/exports.

Substance including Part number in Schedule 1 to the Regulations, and entry number if Part 2, category if Part 1, identity if Part 3	How, and other details such as frequency and quantity, transported to and from the land to which the application relates	
	Transported to site	Transported from site
LPG Part 2 Entry 18	Commercial LPG supplier via tanker. Current supplier is Flogas. Maximum delivery tanker size 27T. Frequency of deliveries: Forklift Filling Tanks 1 delivery every 2-3 weeks Store 5000 July to September 2-3 deliveries a week. October to June maximum of 3 deliveries. Store 4000 July to September 2-3 deliveries a week. October to June maximum of 3 deliveries. Following the 2025 onion harvest Flogas will manifold the tanks so that they can be filled from via a single fill point.	N/A

- (e) Provide details of the vicinity of the land to which the application relates, where such details are relevant to the risks or consequences of a major accident (relevant details include numbers of people in neighbouring

developments that could be affected by a major accident and details about environmentally sensitive receptors).

Commercial property. Due to the location of the tanks on the site, neighbours should not be affected by a major incident. Installation is an LPG installation environmental risk should be minimal due to vaporisation of the LPG.

- (f) Provide a brief overview of the measures taken or proposed to be taken to limit the consequences of a major accident.

DSEAR Risk Assessment
Written Schemes of Examination
Periodic Inspection and Maintenance
No smoking around LPG vessels
Away from pedestrian through routes
Emergency shut off valves, Safety valve rated at 17.0 Bar.

- (g) Give any further information which you consider to be relevant to the determination of this application. (For example, details about any exempted established substances on site or a copy of any notification about 'other establishments'/exempted established substances if already submitted).

Please refer to Written Schemes of Examination for the 3 installations on site.

I/We hereby apply for hazardous substances consent in accordance with the proposals described in the application

Signed

on behalf of
(insert name of person in control of the land if different to applicant)

Date

To be accompanied by the notices and certificates required by regulations 6 and 7 of the Regulations.

Notes

"Site map" is a map, reproduced from, or based on, an Ordnance Survey map with a scale of not less than 1:10,000, which identifies the land to which the application relates and shows National Grid lines and reference numbers.

“Substance location plan” is a plan of the land to which the application relates, drawn to a scale of not less than 1:2,500, which identifies-

- (a) any area of land intended to be used for the storage of the substance;
- (b) where the substance is to be used in a manufacturing, treatment or other industrial process, the location of the major items of plant involved in that process in which the substance will be present; and
- (c) access points to and from the land.