

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	Address	Roadgas Ltd	
		Roadway No.7	
		Colwick Industrial Estate	
		Colwick	
		Nottingham	
	Post code	NG4 2JW	
	Telephone number	01158 225530	
	Person in control of the land to which the application relates, if different to above	Address	CRWP (Spalding) Ltd
			West Marsh Road
			Spalding
Post code	PE11 2BB		
Telephone number			
2 Address or other location details of application site		West Marsh Road	
		Spalding	
	Post code	PE11 2BB	
	OS grid ref	TF 25836 24317	
	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 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>
Liquefied flammable gases - Natural gas (including liquefied natural gas)	2 / 18a	No		34

*a hazardous substances consent

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

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>
2 / 18a	Yes	

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

Table C (i)

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 (tonnes)	Highest vessel design temperature °C	Highest vessel design pressure (bar absolute)
LNG static tank	2 / 18a	Yes (without full secondary containment)	No	No	34	-196 to +37	11

* identify by reference to substance location plan

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

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

Table C (ii)

Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Storage area on site*	Maximum capacity (tonnes or cubic metres or other units – please specify units)
No moveable containers		

* identify by reference to substance location plan

(d) For each substance, category or description of substance, describe any non-vessel storage (e.g. stacks) to be used for that substance, category or description of substances:

Table C (iii)

Substance including Part no. in Sch. 1 to the Regs, and entry no. if Part 2, category if Part 1, identity if Part 3	Storage area on site*	Description of storage	Maximum capacity (tonnes or cubic metres or other units – please specify units)
No storage items			

* identify by reference to substance location plan

(e) 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>
No industrial processes					

* identify by reference to substance location plan

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).

Site Map Information

AS030A0102/L10

Substance Location Plan Information

AS030A0102/L11

Parking Areas Plan Information

AS030A0102/L12

- (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.

Not used for anything, other than storage.

On the site there will be 1 x LNG Fuelling Station, the station will comprise of: LNG static vertical storage tank (79.43m³ gross volume, approx. 34T), with offload (fill) point, 2 x LNG dispensers, 1 x LNG pumping system with various pipework, 1 x electrical control system and 1 x liquification unit.

All hazardous equipment other than LNG dispensers enclosed by a secondary security fence. Non hazardous equipment such as electrical control panel and liquification unit installed outside the fenced hazardous area.

The LNG static vertical storage tank is 3,000mm diameter x 18,338mm to the top of the tank.

- (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.

Table E

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
2 / 18a	Substance is transported to site in dedicated LNG transportable road tanker 21 tonnes, twice per week	No transporting from site

- (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).

The site is situated on the West side of West Marsh Road, there are no residential housing or other properties adjacent. Closest residential housing is to the South approx. 164m from closest boundary.

Spalding Power Station is situated North approx. 220m from closest boundary.

There are no overhead power cables over the proposed site.

No risks are considered with the site. The storage and filling of vehicles is an ancillary operation associated directly with the operation of the site.

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

The LNG fuelling stations is designed in accordance with PED 2014/68/EU - Pressure Equipment Directive. It will be fully built and factory tested before leaving the manufacturer's site and bare the CE mark. The main LNG static storage tank is designed to EN 13458 - Cryogenic Vessels. All other components will be suitable and will bare all relevant markings and labels, such as ATEX 2014/34/EU - Equipment and Protective systems intended for use in potentially explosive atmospheres (ATEX).

The complete LNG refuelling station as minimum is built to the following standards, EN13645, EN13480, EN1160, EN13458, EN60079-10-14, BS EN ISO 16924.

Gas detection installed over each LNG dispenser, offload point and the LNG pumping unit.
Flame detector installed over looking the whole compounded area. Leak detection installed at offload point.

Emergency stop buttons installed at various locations, each LNG dispenser, offload point, each gated access into the compound, electrical control enclosure and various other points.

No hazardous area extends beyond the site boundary.

The LNG fuelling station will be protected against impact damage by vehicles via Armco type barrier system.

Regular inspections are to be carried out by the owner of the facility, with further checks being conducted by the owner. WSE as per PSSR.

Fitted with CCTV and remote 24/7 monitoring including alarms direct to monitoring centre. Training will be given and emergency procedures drawn up and displayed.

A 24/7 emergency call-out service through a dedicated service line, emergency number displayed on signage.

- (g) Give any further information which you consider to be relevant to the determination of this application.

The LNG transportable road tankers are manufactured by others and could be of different makes. The fuelling station is based on being filled by an m1 Engineering Road Tanker, their data sheets show a maximum flow rate (discharge rate) is 10 litres per second. However, this is dramatically reduced due to the transfer hose size. We use a TR69 size LNG connector (typically 2") which is the smallest size we can easily obtain. I can confirm that our tanks will not be filled at a rate above 10 litres per second and the figure that we have been working too will be in the region of 5 litres per second.

Parking Areas

The LNG fuelling station will only utilise half of the site and be located at the front end for easy access for vehicles. On the site, there is no parking or overnight facilities, the site is only used to refuel vehicles.

See drawing AS030A0102/L12.

Separation Distances - Others

Separation distances of stationary LNG fuelling installation as per BS EN ISO 16924:2026

		Standard (m)	Actual (m)
1	Boundary limit (outer shell <120m ³)	3	13.7
2	Boundary limit (LNG tank offloading connection)	3	11.8
3	Other flammable liquids to outer shell	5	N/A
4	Dispenser to onsite buildings	6	N/A
	If dead man's button fitted	3	N/A
5	Distance between LNG tanks	1.5	N/A

Note

- The above **actual** separation distances are minimum
- There are no on-site building.
- There are no employees that permanently work on site.

Drawings - Others

K1007494_R1_S1	LNG Station – Standard Layout (1 pump design)
K1007494_R1_S2	LNG Station – Standard Layout (1 pump design)
K1007494_R1_S4	LNG Station – Standard Layout (1 pump design)
	Separation Distances According to ISO 16924
52427_C003	Explosive Zones

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 11/03/2026

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-

- any area of land intended to be used for the storage of the substance;
- 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
- access points to and from the land.