



**Cheshire**  
Fire & Rescue Service



[REDACTED]  
Uniper Energy  
Compton House,  
2300 The Crescent,  
Birmingham Business Park,  
Birmingham  
B37 7YE

Please ask for: [REDACTED]  
Address: Cheshire Fire & Rescue Service  
St Anne Street  
Chester  
CH1 2HP  
Telephone: [REDACTED]  
Email: [REDACTED]@cheshirefire.gov.uk  
Ref: X1675925

Website: <https://www.cheshirefire.gov.uk/fire-protection/>

Date: 16 April 2026

To whom it may concern,

## **TOWN AND COUNTRY PLANNING ACT 1990**

## **PLANNING ACT 2008**

**REFERENCE:** EN0310002

**PREMISES:** Salinae Hydrogen Storage project, GREEN LANE, MOSTON, CW11 3QG

In response to the environment impact consultation, Cheshire Fire Authority requests ongoing consultation regarding the proposed infrastructure, particularly in the absence of any future building regulations process, to enable collaborative working for emergency response planning, information gathering and firefighter safety. Part of our emergency response plans will involve environmental mitigation measures.

Further consultation is requested regarding the following matters which are expanded further in this report:

- Access for fire and rescue service
- Water supplies
- Recommendations for automatic suppression systems
- Environmental mitigation measures
- Any other considerations

If you should require any further information or assistance please contact the Inspecting Officer.

Yours faithfully,



**for CHESHIRE FIRE AUTHORITY**

## **THE TOWN AND COUNTRY PLANNING ACT 1990**

**PREMISES:** Salinae Hydrogen Storage project, GREEN LANE, MOSTON, CW11 3QG

### **Access for fire & Rescue Service**

CFRS fire appliances weigh approximately 18 tonnes. Suitable width access roads of sufficient hardstanding are requested with consideration to vehicle width and height. Access roads should give reasonable access to the site cognisant of any height barriers.

### **Provision of water supplies**

Consideration should be given to the guidance detailed in the Local Government Association document '*National Guidance document on the provision of water for fire fighting*'.

Water supplies for fire fighting purposes should be risk assessed in accordance with the undermentioned guidance in liaison with the water undertakers (United Utilities - 0161 907 7351) with suitable and sufficient fire hydrants supplied.

The Local Government Association / Water UK National Guidance Document details the following flow rates and location of fire hydrants as the minimum necessary for fire-fighting, in particular risk categories where new developments are under construction.

- For industrial developments - It is recommended that the water supply infrastructure should provide as follows with the mains network on site normally being at least 150mm nominal diameter:
  - o Up to one hectare minimum of 20 l/sec (1200 l/min)
  - o One to two hectares minimum of 35 l/sec (2100 l/min)
  - o Two to three hectares minimum of 50 l/sec (3000 l/min)
  - o Over three hectares minimum of 75 l/sec (4500 l/min)
  
  - o *Note: High risk areas may require greater flow rates.*

Where a piped water supply is not available, or there is insufficient pressure and flow in the water main, the alternative water supply may be a:

- spring, river, pond or canal which is capable of storing or providing at least 45,000 litres of water at all times of the year; or
- a charged static tank of at least 45,000 litres capacity.

With either option, suitable access, space and hard standing for a pumping appliance should be provided.

### **Recommendation for automatic water suppression system**

Whilst the implementation of this report will promote life safety for the occupants, the Fire Authority recommends the fitting of sprinklers, which will reduce damage by fire to both the building and the environment. Please contact the fire safety officer, for further advice, should you consider installing

sprinklers complying with British Standard EN 12845 for commercial premises.

### **Environmental Mitigation Measures**

Firefighting activities can result in a large volume of contaminated water run off. Consultation is desirable regarding run off mitigation measures such as bunds and interceptor tanks.

### **Any other consideration**

The premises may fall within the Dangerous Substances (Notification and Marking of Sites) Regulations 1990 (NAMOS). The duty holder must inform the fire and rescue service and HSE where 25 tonnes or more of a dangerous substance are stored. The duty holder must also inform the fire and rescue service and HSE where 150 tonnes or more of ammonium nitrate or ammonium nitrate mixtures are stored.

The HSE and Environment Agency should be consulted with regards the proposals.

Cheshire Fire Authority request notification of any changes to the site such as commencement of works and completion to enable operational crews undertake a familiarisation visit.