INFORMATION TO THE PUBLIC

LBG site Rygg Miljøpark

Taranrødveien 97, 3171 Sem (Tønsberg municipality) · Major Accident Regulations § 12 and Annex V



IN CASE OF FIRE OR GAS LEAK
Ring 110

REDO ON DUTY · 24/7
+47 476 72 395

LBG	**–162 °C**	**5–15 %**	**2021**
Liquefied biogas stored in tank	Gas temperature in the tank	Flammable mixture in air	Consent from DSB

Why are you receiving this information?

You live or work near Redo Biosolutions' LBG site at Rygg Miljøpark in Sem, Tønsberg. This document explains how the site is operated, what hazards exist, how you will be alerted and what to do if an accident happens.

This information is prepared under the Norwegian Major Accident Regulations (storulykkeforskriften) § 12 and Annex V. It is kept up to date and is available online at www.redobiosolutions.com under HSSE.

CONTENTS

1 The company and the site
2 Covered by the regulations
3 Activities at the site
4 Hazardous substances
5 What can happen
6 Safety measures
7 How you will be alerted
8 What to do
9 External emergency preparedness
10 Inspections
11 Further information

1 The company and the site

Company	Redo Biosolutions AS
Org. no.	984 238 126
Ownership	Owned by Mobius Renewables and Skagerak Energi. Founded in 2002, head office in Porsgrunn.
Site address	Taranrødveien 97, 3171 Sem (Tønsberg municipality)
Visiting address	Porselensveien 14, 3920 Porsgrunn
Postal address	Postboks 80, 3901 Porsgrunn
On-duty phone	+47 476 72 395 — staffed 24/7
Contact for information	Albion Toçi, HSEQ Manager · +47 905 50 122 · albion.toci@redobiosolutions.com
Website	www.redobiosolutions.com, under HSSE

2 The site is covered by the Major Accident Regulations

Flammable liquefied gas is handled and stored at the site. The site is therefore covered by the Major Accident Regulations, and a notification under § 6 of the regulations has been sent to the Norwegian Directorate for Civil Protection (DSB). Consent from DSB was granted before the site was put into operation in 2021.

3 Activities at the site

Liquefied biogas (LBG) is stored in tanks at the site. The site receives biogas from Den Magiske Fabrikken through an internal pipeline on the plant premises. The biogas goes through a liquefaction process before it is stored in the tanks in liquid form.

The site delivers LBG to tanker trucks. While a truck is being filled, frost mist or fog may occasionally be seen from piping and equipment around the tanks and the filling area. This is completely normal and is caused by the cold liquid in the pipes cooling the humid outdoor air.

The site is monitored from a control centre, and regular inspection rounds are carried out.

4 Hazardous substances at the site

LBG (liquefied biogas) consists mainly of methane (over 99 %) and is classified as a flammable gas.

The gas is odourless in the process plant, during storage and when filling tanker trucks. The existing pipeline network, which is also supplied with biogas from Den Magiske Fabrikken, contains the odorant THT so that any leak can be smelled. THT is stored in small quantities, about 50 litres. A leak from the THT container can cause an odour over a wider area.



Extremely flammable



Lighter than air – rises



Displaces air in enclosed spaces



Flammable at 5–15 % in air



Very cold liquid, –162 °C

The gas is not toxic.

5 What can happen

- **Gas leak.** The gas rises and drifts in the direction the wind is blowing. In enclosed spaces it will displace air.
- **Ignition.** The gas is extremely flammable and can ignite at concentrations of 5–15 % in air. It is therefore important to remove ignition sources in the event of a leak.
- **Cold liquid.** The liquefied gas is at –162 °C and can cause cold burns on direct contact.

The gas is not toxic. Methane is a greenhouse gas.

6 Safety measures at the site

- Gas and fire detectors automatically shut off gas flow from the tank
- Emergency stop buttons inside and outside the site
- The tank is well insulated to keep the gas cold
- Monitoring from a control centre and regular inspection rounds
- Alarms go to Redo's on-duty staff, who can also operate the site remotely
- The alarm system is tested at the annual inspection

7 How you will be alerted

In the event of a gas leak or fire, the detectors signal and automatically shut off gas flow from the tank. Next to the site is a control-room container whose roof lights flash while a siren sounds. An alarm is sent at the same time to Redo's on-duty staff by SMS.

The emergency services must be alerted immediately on 110. Information about an incident will be available on the emergency services' websites.

8 WHAT TO DO IN A MAJOR ACCIDENT



Move away from the site



Stop vehicles and switch off the ignition. Remove ignition sources



Alert the emergency services on 110



Follow instructions from the incident commander

The gas is lighter than air, rises and drifts in the direction the wind is blowing.

9 Emergency preparedness

Redo's on-duty staff respond to an incident, but the emergency services lead the response on site. External emergency preparedness for the area is the responsibility of:

Organisation	Role
Tønsberg kommune	Municipal emergency preparedness duty, Civil Protection Act (sivilbeskyttelsesloven) § 15
Vestfold Interkommunale Brannvesen IKS	Fire and rescue response
Sør-Øst 110 emergency centre	Receives emergency calls on 110 and alerts the fire service
South-East Police District (Sør-Øst politidistrikt)	Leads rescue operations in major incidents
Statsforvalteren i Vestfold og Telemark	Coordinates regional emergency preparedness

The public is asked to follow instructions from the emergency services and the incident commander.

10 Inspections

DSB inspects the site under the Major Accident Regulations.

LAST ON-SITE INSPECTION
17–18 June 2024

»

NEXT PLANNED INSPECTION
9–10 December 2026

Information on inspections of the site and the company is available from DSB: phone +47 33 41 25 00, email postmottak@dsb.no.

11 Further information

More information is available at **www.redobiosolutions.com** under **HSSE**. The company can also be contacted by email or phone, see section 1.

Document control

Legal basis	Major Accident Regulations (storulykkeforskriften) § 12 and Annex V
Version / date	Rev 01 · August 2026
Prepared by	Albion Toçi, HSEQ Manager, Redo Biosolutions AS
Reviewed by	Martin Bakke, OPS Manager, Redo Biosolutions AS
Approved by	Frode Halvorsen, CEO, Redo Biosolutions AS
Review	Every two years (next: August 2028). The document is updated immediately if there are changes to the site, the organisation or emergency preparedness.
Supersedes	Information to the public for the Rygg Miljøpark site, edition 05/2024
Changes in Rev 01	First edition under Redo Biosolutions AS: company name, ownership and contact details; site address; inspection dates; external emergency preparedness; structure in line with Annex V.
Published	www.redobiosolutions.com, under HSSE

Harm Zero **— no harm to people, the environment or assets.**