

From: [Claire Matheson](#)
To: [Simon Mollart](#)
Cc: [Kris Lindsay](#); [Iain Main](#); [Lindsay McClure](#)
Subject: RE: Carbon Dioxide Supply Risk Awareness
Date: 16 April 2026 14:03:00

Hi Simon

This does fall under the NP30723 framework. My understanding is that medical CO₂ is primarily used for surgical procedures. We will contact BOC for a current position but in the meantime, I can share the following (from their tender response):

Medical carbon dioxide:

Whilst BOC does produce its own carbon dioxide at a facility based at Trafford Park, this is currently only used for Industrial supplies. Currently all medical carbon dioxide acquired by BOC, comes from either the Czech Republic or the Netherlands. We do also have back-up supplies from France, Spain and Germany on occasion. Please note that medical supplies will always take priority over industrial. So we will get first allocation if there is ever a shortage of this product.

The BOC Trafford Park CO2 plant was approved by the MHRA in July 2023.

Our regulatory team has been working with the MHRA who has now approved our site in Trafford Park as a source of carbon dioxide material for medical cylinder filling. As part of this, we are doing some additional testing prior to utilising this production site for medical use. We are however, expecting that this will be a new UK based source of medical carbon dioxide supplies prior to this new Framework being in place.

BOC has 2 filling facilities for this gas which are located in:

- *Brinsworth*
- *Crawley*

Using this carbon dioxide, we are also able to produce a mix of 5% carbon dioxide / 95% oxygen at our facility in Crawley and Morden, who also fill these cylinders.

Also worth noting, we currently have surcharges applied under CO2 therefore we may expect a price increase.

Thanks
Claire

From: Simon Mollart [REDACTED]@nhs.scot>
Sent: 16 April 2026 09:35
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Subject: Carbon Dioxide Supply Risk Awareness

Morning all

In response to a UK press article SG has raised a question to NP asking if we are aware of risk / impacts if carbon dioxide supply becomes restricted.

“a collapse of CO2 supplies could cause a risk to life through a lack of dry ice to cool blood, organs and vaccines. Any concerns your end? The scenario was reportedly exploring the war lasting into the summer as well as a UK plant manufacturing CO2 having a mechanical error, so well beyond what we are seeing now.”

Emailing Category Managers to ask does this risk affect any of our contracts or services? If so how, and what is our current view / approach to the risk.

I am not aware a role for CO2 / dry ice in my Team Categories and services, but extending the question.

We need to compose a reply to SG, so grateful if you can all copy Kris, Iain and myself to confirm your team's position either way.

Regards Simon

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