Leak checks.
Understanding system requirements.

Starting point
Is the system in question:
- Stationary refrigeration equipment
- Stationary air conditioning equipment
- Stationary heat pumps
- Stationary fire protection equipment
- Refrigeration units of refrigerated trucks & trailers
- Electrical switchgear
- Organic rankine cycles

Yes → No action required.

No →

Does your system contain f-gases with charge size of less than 5 tonnes CO₂e?

Yes → No action required.

No →

Is your system hermetically sealed with a charge size of less than 10 tonnes of CO₂e, and labelled as hermetically sealed?

Yes → No action required.

No →

Is your system electrical switchgear
- with tested leakage of <0.1% per year and labelled as such OR
- equipped with a pressure or density monitoring device OR
- containing less than 6 kg of f-gases?

Yes → No action required.

No →

Does your system contain less than 3 kg of f-gases or – in the case of hermetically sealed (and labelled) equipment – contain less than 6 kg of f-gases?

Yes → Exempt until 31st December 2016. Then subject to leak checks as the table below.

No →

Your system will be subject to leak checks as per the table below.

<table>
<thead>
<tr>
<th>F-gas contents of system</th>
<th>Leak check frequency (no leak detection system installed)</th>
<th>Leak check frequency (leak detection system installed)</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 tonnes of CO₂e or more</td>
<td>At least once every 3 months</td>
<td>At least once every 6 months</td>
</tr>
<tr>
<td>50 to 499.99 tonnes of CO₂e</td>
<td>At least once every 6 months</td>
<td>At least once every 12 months</td>
</tr>
<tr>
<td>5 to 49.99 tonnes of CO₂e</td>
<td>At least once every 12 months</td>
<td>At least once every 24 months</td>
</tr>
</tbody>
</table>

Disclaimer: This information is provided for guidance only. We make no warranties, expressed or implied, and assume no liability in connection with any use of this information. For further support please contact your local Linde supplier.