

99063043169000

Heruntergeladen am 05.07.2025

<https://fimportal.de/xzufi-services/55898/L100042>

Modul	Sachverhalt
Leistungsschlüssel	99063043169000
Leistungsbezeichnung I	
Leistungsbezeichnung II	Evaporative cooling systems, cooling towers and wet separators; displays and notifications
Typisierung	2/3 - Bund: Regelung (2 oder 3), Land/Kommune: Vollzug
Quellredaktion	Bayern
Freigabestatus Katalog	unbestimmter Freigabestatus
Freigabestatus Bibliothek	unbestimmter Freigabestatus
Begriffe im Kontext	
Leistungstyp	
Leistungsgruppierung	
Verrichtungskennung	
SDG-Informationsbereich	
Lagen Portalverbund	
Einheitlicher Ansprechpartner	

Modul	Sachverhalt
Fachlich freigegeben am	28.02.2025
Fachlich freigegeben durch	Bayerisches Staatsministerium für Umwelt und Verbraucherschutz (Bavarian State Ministry of the Environment and Consumer Protection)
Handlungsgrundlage	https://www.gesetze-im-internet.de/bimschv_42/index.html https://www.gesetze-im-internet.de/bimschv_42/index.html https://www.stmuv.bayern.de/service/recht/luftreinhaltung/doc/bekanntmachung_luft_42vo_bimschg_2018_07_10.pdf https://www.stmuv.bayern.de/service/recht/luftreinhaltung/doc/bekanntmachung_luft_42vo_bimschg_2018_07_10.pdf
Teaser	Operators of evaporative cooling systems, cooling towers and wet separators are obliged, among other things, to apply the state of the art during construction and operation and to implement organizational measures.
Volltext	<p>Evaporative cooling systems, cooling towers and wet separators within the scope of the Ordinance on the Implementation of the Federal Immission Control Act (Ordinance on Evaporative Cooling Systems, Cooling Towers and Wet Separators - 42nd BImSchV) must be reported to the responsible immission control authority. Operators of these systems must also fulfill additional requirements.</p> <p>The 42nd Ordinance on the Implementation of the Federal Immission Control Act obliges operators of such systems to apply the state of the art during construction and operation, among other things. Systems within the scope of this ordinance must be designed, constructed and operated in such a way that contamination of the process water by microorganisms, in particular legionella, is avoided in accordance with the state of the art. According to the 42nd BImSchV, these systems must be reported to the responsible immission control authority. This can be done nationwide via the KaVKA register website(https://kavka.bund.de/). In Bavaria, a general</p>

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decree stipulates that the notification must be made exclusively via this portal. In addition, the 42nd BImSchV contains test and action values for concentrations of legionella in process water.

Legionella are aerobic bacteria that are classified as potentially pathogenic to humans. They are widespread environmental germs that occur in small numbers in surface waters, for example. Inhaling water droplets containing legionella (aerosols) can lead to pneumonia, which can even result in life-threatening infections. Human infections occur worldwide either sporadically or as part of outbreaks. In recent years, there have also been Legionella outbreaks in Germany with fatalities, for example in Ulm in 2010 and Warstein in 2013. In addition to contaminated drinking water, evaporative cooling systems, cooling towers and wet separators can also be sources of legionella. Under certain conditions, these systems can release water droplets containing legionella into the outside air. The aim of legal regulations is to inhibit the growth of legionella and reduce the emission of aerosols containing legionella from these systems.

Among other things, the ordinance contains the following legally binding notification and reporting obligations for the operator:

- Obligation to inform the competent authorities if the action values are exceeded (Section 10 sentence 1)
- Obligation to notify a new installation (Section 13 (1))
- Obligation to notify an existing installation (Section 13 (2))
- Obligation to notify changes to the installation or the decommissioning of the installation (Section 13 (3))
- Obligation to notify a change of operator (Section 13 (4))
- Obligation to have an inspection carried out by an expert (Section 14 (1) in conjunction with (2) sentence 1)
- Obligation to notify the results to the authority (Section 14 (2) sentence 2)
- Submission of an application for exemptions, if these are required (Section 15).

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Erforderliche Unterlagen	
Voraussetzungen	Whether an installation is covered by these regulations is determined by the scope of application (Section 1) of the 42nd BImSchV.
Kosten	Display and notifications via the KaVKA register are free of charge.
Verfahrensablauf	<p>Notifications in accordance with Section 13 of the 42nd BImSchV and notifications in accordance with Section 10 of the 42nd BImSchV must be submitted online via the website of the "Cadastre for the registration of evaporative cooling systems 42nd BImSchV - KaVKA-42.BV".</p> <p>Notifications in accordance with Section 14 of the 42nd BImSchV can also be submitted via this website.</p> <p>Applications for exemptions in accordance with Section 15 of the 42nd BImSchV can be submitted informally to the relevant district administrative authorities.</p>
Bearbeitungsdauer	Information on this can be obtained from the responsible district administrative authority.
Frist	<p>The notification obligation in accordance with Section 13 of the 42nd BImSchV came into force on 19.07.2018. The operator of a new system must notify the competent authority no later than one month after the first filling with process water. Existing systems had to be notified to the competent authority by 19.08.2018 at the latest. In addition, Section 13 contains further deadlines for the notification of a change or decommissioning of a system as well as a change of operator. According to Section 10, the operator must inform the competent authorities immediately in accordance with Annex 3 Part 1 and inform them within a period of four weeks in accordance with Annex 3 Part 2 as soon as a laboratory test shows that the action values have been exceeded. According to § 14 para. 2, the operator must inform the competent authority of the results of the inspections in accordance with § 14 para. 1 within four weeks of completion of the inspection.</p>

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weiterführende Informationen	https://www.lfu.bayern.de/luft/legionellen/index.htm https://www.lfu.bayern.de/luft/legionellen/index.htm https://www.lgl.bayern.de/gesundheit/hygiene/wasserhygiene/legionellen/index.htm https://www.lgl.bayern.de/gesundheit/hygiene/wasserhygiene/legionellen/index.htm https://www.lgl.bayern.de/gesundheit/arbeitsplatz_umwelt/projekte_a_z/42_bimschv_index.htm https://www.lgl.bayern.de/gesundheit/arbeitsplatz_umwelt/projekte_a_z/42_bimschv_index.htm https://www.lai-immissionsschutz.de/Veroeffentlichungen-67.html https://www.lai-immissionsschutz.de/Veroeffentlichungen-67.html https://www.umweltbundesamt.de/nutzwasser-in-technischen-anlagen https://www.umweltbundesamt.de/nutzwasser-in-technischen-anlagen
Hinweise	
Rechtsbehelf	
Kurztext	
Ansprechpunkt	
Zuständige Stelle	
Formulare	
Ursprungsportal	BayernPortal, BayernPortal