



Package solution for compliance with formaldehyde limits

in cold box production



LFSPAC

Low-Formaldehyde Solution

ASKCHEMICALS



Innovative cold box binder-additive-coating package

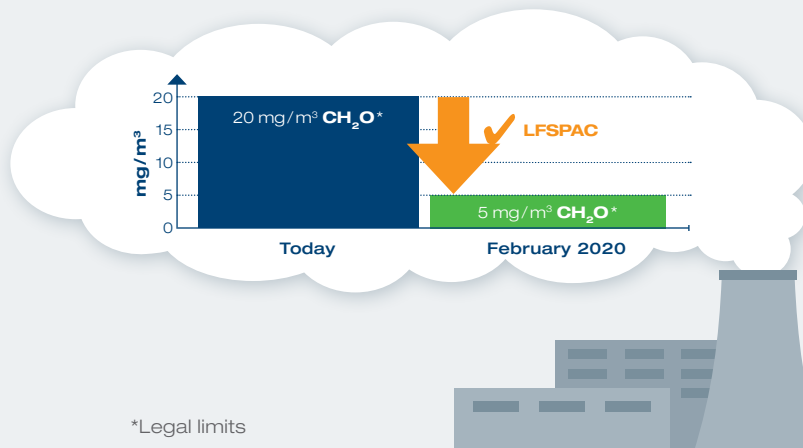
for compliance with formaldehyde limits

Foundries must reduce formaldehyde emissions in the exhaust stream of their existing plants from 20 mg/m³ to 5 mg/m³ by February 2020 at the latest. The new ASK Chemicals **LFSPAC** is a specially formulated binder, coating and additive package that allows foundries to comply with this new limit without investing in dedicated emission control systems and without sacrificing performance and efficiency.

The advantages at a glance

- No investment in secondary measures such as scrubber or exhaust after-treatment required
- Reduction of formaldehyde emissions by more than 70 %
- Reduction of smoke, odors and other emissions
- Maintenance of or improvement in the casting component quality
- Possible reduction of the amount of binder and additive

LFSPAC at a glance:



*Legal limits

Good to know

Analyses have shown that, in particular, the exhaust gas flow from coating drying furnaces plays a special role in the reduction of formaldehyde emissions. Cores produced in the cold box process have intrinsic residual amounts of formaldehyde, but can emit additional formaldehyde in conjunction with the additive and coating, so that the limit of 5 mg/m³ can easily be exceeded.

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