



MEMORANDUM

TO: All Interested Customers
FROM: Brent Willson, Product Manager and Regulatory Compliance Specialist
DATE: October 6, 2017
SUBJECT: OSHA Silica Rule Compliance for the Dustless Technologies 15505 and D1505 HEPA Backpack Vacuums.

The Dustless Technologies HEPA Backpack Vacuum is compliant with the OSHA Silica Rule (29 CFR 1926.1153) requirements for a dust collector as described under the following conditions in Table 1:

- For most tasks – “Dust collector must have a filter with 99% or greater efficiency and a filter-cleaning mechanism.”
 - o The Dustless HEPA Backpack has a 99.97% efficiency down to 0.3 microns.
 - o It has a filter cleaning mechanism.
- For use with hand grinders – “Dust collector must provide 25 cubic feet per minute (CFM) or greater of airflow per inch of wheel diameter and have a filter with 99% or greater efficiency and a cyclonic pre-separator or filter-cleaning mechanism.”
 - o The Dustless HEPA Backpack has a 99.97% efficiency down to 0.3 microns
 - o It has a filter cleaning mechanism.
 - o Airflow is rated at 124 CFM. The vacuum can accommodate up to a 4.75-inch grinding wheel.
- For cleaning drill holes – “Use a HEPA-filtered vacuum when cleaning holes.”
 - o The HEPA Backpack is a HEPA vacuum with three-stage filtration
- “Housekeeping. “The employer shall not allow dry sweeping or dry brushing where such activity could contribute to employee exposure to respirable crystalline silica unless wet sweeping, HEPA-filtered vacuuming or other methods that minimize the likelihood of exposure are not feasible.”
 - o The HEPA Backpack is a HEPA vacuum with three-stage filtration
- For dry core drilling – while it does not comply with Table 1, it is compliant with paragraph (d), (2), (ii) alternative control methods. Objective data is available from Dustless Technologies. Call customer service or see the Dustless website for objective data on collection shrouds and instructions on proper use including airflow.

Please refer any questions to Dustless Technologies customer service at (435)637-5885.

Thank you,

Brent Willson

Product Manager and Regulatory Compliance Specialist

Innovating Dust Control Solutions

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