



**Husqvarna**<sup>®</sup>

# **HUSQVARNA & OSHA SILICA REGULATION GUIDE**

Power Cutters



# What is silica dust?

Silica dust is what is produced when concrete, bricks, blocks, etc are cut, and while it might seem harmless, it contains crystalline silica. The existence of crystalline silica and the hazards it can cause to a worker's body – silicosis, chronic obstructive pulmonary disease and kidney disease – has been known for decades. That is why Husqvarna Construction Products has been developing solutions to control dust for decades.

Since OSHA released the final ruling on crystalline silica exposure on March 24, 2016, how to control this dust has been a major concern for contractors. Mostly because the ruling places a lot of weight on the contractor's shoulders, but Husqvarna is here to support you with information and products to assist with compliance.

We always work towards finding the best solution for our customers – from both an efficiency standpoint and from a worker's view. OSHA has been working on a final ruling for the past several years, and since the first ruling on silica exposure Husqvarna Construction Products has been working to develop ways to suppress the crystalline silica and keep workers more safe.

***This document will help guide you through how our products will help meet and/or exceed the OSHA rules, keeping you in compliance.***

For more information on OSHA  
silica exposure guidelines visit:

<https://www.osha.gov/silica/>



## START DATE: June 23, 2017

The final OSHA ruling revises the amount of crystalline silica a worker should be exposed to. The key takeaways of the ruling include:

- The permissible exposure limit will be set at 50 micrograms per cubic meter of air, averaged over an eight hour shift.
- ***Employers will be required to take measures to control silica, either through using water, dust collection systems, ventilation or providing respirators.*** Employers will also be required to limit the amount of time a worker can be exposed to hazardous environments, write an exposure control plan, designate a competent person, offer medical exams to highly exposed workers and train workers on the risks and how to avoid silica dust.

### ***Penalty Amounts Adjusted for Inflation as of January 13, 2017***

TYPE OF VIOLATION	MAXIMUM PENALTY
SERIOUS/OTHER THAN SERIOUS POSTING REQUIREMENTS	<b>\$12,675.00 per violation</b>
FAILURE TO ABATE	<b>\$12,675.00 per day beyond abatement date</b>
WILLFUL OR REPEATED VIOLATIONS	<b>\$126,749.00 per violation</b>

For more information on OSHA  
penalty guidelines visit:

<https://www.osha.gov/penalties/>

# What does OSHA require from you?

FROM TABLE 1 §29 CFR 1926.1153			
Equipment/ Task	Engineering & work practice control method	Required respiratory protection and minimum Assigned protection factor (apf)	
		Less than or equal to 4 hours/shift	Greater than 4 hours/ shift
(ii) Handheld power saws (any blade diameter)	Use saw equipped with integrated water delivery system that continuously feeds water to the blade. Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. When used outdoors When used indoors or in an enclosed area	None APF 10	APF 10 APF 25

## How Husqvarna can help you meet requirements:

### RECOMMENDED POWER CUTTER EQUIPMENT

Our wide range of handheld heavy-duty machines includes petrol, hydraulic, pneumatic and electric cutters. You can always find a perfect machine and tool for any challenge, so you can work with high precision, less effort and optimal efficiency.

## Power Cutter Equipment

## OSHA Compliance Cross Reference

Power	Models	OSHA TABLE 1 Recommended Dust Suppression	Feature	Recommended Accessories or Equipment	Additional Dust Control
GAS	K 760	Water	DEX	WT 15 and PWT 15	W 70 P Wet/Slurry Vac
	K 760 Cut-n-Break	Water Always		WT 15	W 70 P Wet/Slurry Vac
	K 970	Water	DEX	WT 15 and PWT 15	W 70 P Wet/Slurry Vac
	K 1270	Water	DEX	WT 15 and PWT 15	W 70 P Wet/Slurry Vac
	K 970 Ring	Water			W 70 P Wet/Slurry Vac
	K 970 Chain	Water			W 70 P Wet/Slurry Vac
ELECTRIC	PRIME K 6500	Water Water			W 70 P Wet/Slurry Vac
	PRIME K 6500 Ring	Water			W 70 P Wet/Slurry Vac
	PRIME K 6500 Chain	Water			W 70 P Wet/Slurry Vac
	K 3000 Wet*	Water	DEX	WT 15 and PWT 15 K 3000 Dust Reducer Attachment S 13 Dust Extractor	Dry cutting with Vac
	K 3000 Cut-n-Break	Water Always		WT 15	W 70 P Wet/Slurry Vac

\*Additional engineering controls to reduce exposure: Objective data testing for K 3000 with extractor (in progress)



## HUSQVARNA'S DUST SUPPRESSION SYSTEM: DEX

**DEX is a dust management system** developed by Husqvarna Construction Products to control water and dust created while cutting concrete, asphalt and other materials. The DEX system uses a progressive water valve that is fitted with distinct end positions, making it easy to set the exact water flow for any application, which minimizes water consumption and slurry. The DEX system allows contractors to use portable water tanks, such as the 4-gallon, battery operated WT 15, for much longer and therefore increasing cutting time while still controlling dust.



# Husqvarna Power Cutter Equipment

## Gas Powered



**K 760**



**K 760  
CUT-N-BREAK**



**K 970**



**K 1270**



**K 970 RING**



**K 970 CHAIN**

## RECOMMENDED ACCESSORIES FOR:

- K 760
- K 760 Cut-n-Break
- K 970
- K 1270
- K 3000 Wet
- K 3000 Cut-n-Break



**WT 15**



**PWT 15**

## ELECTRIC POWERED



**PRIME  
K 6500**



**PRIME  
K 6500 RING**



**PRIME  
K 6500 CHAIN**



**K 3000  
WET**



**K 3000  
Cut-n-Break**

## ADDITIONAL DUST CONTROL



**S 13**



**W 70 P**

## SUPPLEMENTARY DUST SUPPRESSION EQUIPMENT



**A 600**



**A 1200**



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## HUSQVARNA SERVICE CENTERS USA

### CORONA AREA SERVICE CENTER

520 East Rincon St., Ste. 101 Corona, CA 92879

Office: 951-893-4415 Hours: 8:00 a.m. - 4:30 p.m.

### CHICAGO AREA SERVICE CENTER

180 Stanley St. Elk Grove Village, IL 60007

Office : 847-378-1330 Hours: 7:30 a.m. - 4:00 p.m.

### DALLAS SERVICE CENTER

2933 Eisenhower St., Ste. 160 Carrollton, TX 75007

Office: 214-351-9990 Hours: 7:00 a.m. - 4:30 p.m.

### OLATHE SERVICE CENTER

17400 West 119th Street Olathe, KS 66061

Office: 913-928-1226 Hours: 7:00 a.m. - 3:30 p.m.

### NEW HAVEN SERVICE CENTER

6 Sycamore Way, Unit 2 Branford, CT 06405

Office: 203-433-3491 Hours: 8:00 a.m. - 4:00 p.m.

### ATLANTA SERVICE CENTER

6650 Oak Ridge Commerce Way Austell, GA 30168

Office: 770-948-0658 Hours: 8:00 a.m. - 5:00 p.m.

### QUERETARO SERVICE CENTER

Carretera Querétaro - San Luis Potosí 16368 Int. 12

Santa Rosa Jaurequi, Querétaro CP. 76220

P: 52 442-294-5244 Horario: 8:30 a.m. - 5:30 p.m.

## CUSTOMER SERVICE & TECH SERVICE CONTACT INFO

USA Customer Service: 800-288-5040

Technical Service: 800-365-5040



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## HUSQVARNA SERVICE CENTERS CANADA

### QUEBEC SERVICE CENTER

9430 Rte Trans Canadienne St. Laurent,

Quebec H4S 1R7

P: 514-335-9769

Hours: 8:00 a.m. - 5:00 p.m.

### BRITISH COLUMBIA SERVICE CENTER

1515 Broadway St., Unit 504 Port Coquitlam,

British Columbia V3C 6M2

P: 604-944-0532

Hours: 8:00 a.m. - 5:00 p.m.

### ONTARIO SERVICE CENTER

850 Matheson Blvd. Mississauga,

Ontario L5V 0B4

P: 905-817-8012

Hours: 8:00 a.m. - 5:00 p.m.

### ALBERTA SERVICE CENTER

2520 23rd Avenue NE, Unit 15, Calgary,

Alberta T2E 8L2

P: 403-717-0716

Hours: 7:30 a.m. - 4:30 p.m.

## CUSTOMER SERVICE & TECH SERVICE CONTACT INFO

Canada Customer and Technical Services: 800-461-9589



**Husqvarna**<sup>®</sup>

**HUSQVARNA CONSTRUCTION PRODUCTS**

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