Husqvarna®

THE US OSHA SILICA REGULATION GUIDE

How OSHA effects Australia

The information provided here is showing how organisations and employees in the USA meet or exceed the mandatory government regulations when dealing with crystalline silica dust. The exposure limits in the USA are less than the current exposure limits in Australia.

By using the US OHSA guidelines and strategies shown here to meet the regulations you will position yourself to exceed the minimum requirements in Australia

CUSTOMER SERVICE CONTACT INFO

Australia Customer Service: 1300 487 782

HUSQVARNA CONSTRUCTION PRODUCTS

www.husqvarnacp.com/au/

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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/

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OSHA SILICA REGULATION GUIDE

Power Cutters

What does OSHA require from you?

FROM TABLE 1 §29 CFR 1926.1153			
Equipment/ Task	**Engineering & work practice control method**	**Reqired 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 machines includes gas, 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/ K770	Water	DEX	WT 15 and PWT 15	W 70 P, W 70, W 250 P Wet/Slurry Vac
	K 760/ K770 Cut-n-Break	Water		WT 15	W 70 P, W 70, W 250 P Wet/Slurry Vac
	K 970	Water	DEX	WT 15 and PWT 15	W 70 P, W 70, W 250 P Wet/Slurry Vac
	K 1270	Water	DEX	WT 15 and PWT 15	W 70 P, W 70, W 250 P Wet/Slurry Vac
	K 970 Ring	Water			W 70 P, W 70, W 250 P Wet/Slurry Vac
	K 970 Chain	Water			W 70 P, W 70, W 250 P Wet/Slurry Vac
ELECTRIC	PRIME K 6500	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 / K 4000 Wet*	Water	DEX	WT 15 and PWT 15 K 3000/ K 4000 Dust Reducer Attachment S 26 Dust Extractor	Dry cutting with Vac
	K 3000/ 4000 Cut-n-Break	Water		WT 15 and PWT 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 15 litre, battery operated WT 15, for much longer and therefore increasing cutting time while still controlling dust.

Husqvarna Power Cutter Equipment

Gas Powered

K 770

K 760
CUT-N-BREAK

K 970

K 1270

K 970 RING

K 970 CHAIN

RECOMMENDED ACCESSORIES FOR:

- K 770
- K 770 Cut-n-Break
- K 970
- K 1270
- K 4000 Wet
- K 4000 Cut-n-Break

WT 15

PWT 15

ELECTRIC POWERED

PRIME
K 6500

PRIME
K 6500 RING

PRIME
K 6500 CHAIN

K 4000
WET

K 4000
Cut-n-Break

ADDITIONAL DUST CONTROL

S 13

W 70 P

W 70

SUPPLEMENTARY DUST SUPPRESSION EQUIPMENT

W 250 P

A 1000

A 2000

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