



Service driven... Result focused!
Industrial Supplier



OSHA CRYSTALLINE SILICA RULE

September 23, 2017
Compliance date set by OSHA



Occupational
Safety and Health
Administration

FULL-LINE OF TOOLS TO MEET NEW REGULATIONS

UNIVERSAL ATTACHMENT AVAILABLE,
COMPATIBLE WITH MOST MAJOR BRANDS



Visit www.osha.gov for additional
information regarding recommendation with
Crystalline Silica Regulations



WHAT IS THE OSHA CRYSTALLINE SILICA RULE?

OSHA recently issued new standards to protect workers from exposure to respirable crystalline silica - which will allow employers to tailor solutions to the specific conditions in their workplaces.

Reduces the permissible exposure limit (PEL) or respirable crystalline silica to 50 micrograms per cubic meter of air, averaged over an 8-hour shift.

New Construction Standards

- Use engineering controls (such as water or local ventilation)
- Provide respirators and additional PPE as needed
- Develop a written exposure control plan
- Offer medical exams to highly exposed workers
- Train workers on silica risks and how to limit exposure



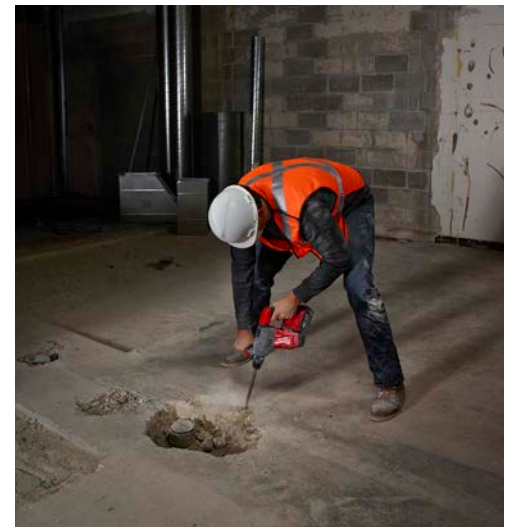
Common Applications That May Expose Users To Silica Dust

- Chipping, hammering and drilling
- Concrete /stone cutting
- Grinding, polishing, or buffing concrete
- Tuck-pointing
- Demolition of concrete or masonry



Best Practices

- LEV: (Local Exhausted Ventilation) capture dust at surface during grinding, drilling, and cutting
- Tool equipped with shroud and vacuum: HEPA Filter recommended
- Water spraying systems: Pressurized water pumps for tools designed for wet drilling and cutting such as core drills and concrete saws
- Use appropriate Respirators and Safety Glasses



CONSTRUCTION EMPLOYERS MUST COMPLY WITH ALL REQUIREMENTS TO THE NEW STANDARDS BY SEPTEMBER 23, 2017



HOW CAN YOU COMPLY WITH NEW REGULATIONS?

ROTARY HAMMER DRILLING

RECOMMENDED CONTROL METHODS:

VACUUM DUST COLLECTION SYSTEM (VDCS)

- Surrounds the drill bit with a shroud attached to a vacuum system to collect airborne dust
- High efficiency particulate air (HEPA) filters is recommended
- Use a vacuum with enough suction to remove dust at drilling location
- Vacuums work best when regularly cleaned & maintained

RESPIRATORY PROTECTION

- When control methods are used properly, most rotary hammer drilling should not require respirators
- When VDCS do not meet OSHA's permissible exposure limit, respirators are required



HEPA RATES FILTER:

99.97% Efficient at Removing Particles 0.3µm & Above

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DEDICATED SOLUTIONS



(TM2712DE)



(TM2715DE)

M18™ DEDICATED HAMMERVAC

- Best in class solution
- Best in class HEPA filter
- Powered by dedicated M18 Fuel rotary hammer

M18 FUEL™ SDS PLUS ROTARY HAMMER KITS



M18 FUEL™ 1"
Tool Kit - TM271222
Kit with Dust Extractor - TM27122DE



M18 FUEL™ 1-1/8"
Tool Kit - TM271522
Kit with Dust Extractor - TM271522DE

UNIVERSAL SOLUTIONS



(TM230622)



(TM5261DE)

M12™ HAMMERVAC

- Best in class HEPA filter
- Powered by M12™ REDLITHIUM™

VACUUM ASSISTED

- Powered by any wet dry vacuum

UNIVERSAL HAMMERVAC™ UNITS WORK WITH ALL SDS PLUS ROTARY HAMMERS:



M18 FUEL™ 1"
TM2713



7/8"
TM2605



5/8"
TM2612



5/8"
TM2416



1/2"
TM2412

GRINDING & SURFACE PREPARATION

RECOMMENDED CONTROL METHODS:

VACUUM

- OSHA silica rule requires a minimum of 25 cubic feet per minute (cfm) per inch of wheel diameter (Example: 5" grinder requires 125 cfm or greater)
- Vacuum is required to provide a filter with having 99% or greater efficiency rating

SHROUD & GRINDER

- Grinding shrouds should enclose the space around the accessory and be properly secured to dust extraction system being used

4"-5" & 7" UNIVERSAL GRINDING SHROUDS



4-5"
TM49406100



7"
TM49406105

18" HOSE ADAPTER



TM49406190

- Universal shroud fits most pro-branded grinders
- Quick & easy installation
- High density bristles provide maximum dust collection and containment
- Clear front clip allows greater visibility

ACCESSORIES



TM896020



TM5317DE



TM49406110



TM5318DE



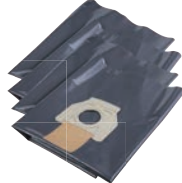
TM49406101



TM49901952



TM49901953



TM49901954



TM49901955



TM49901957



TM49901958



TM49901959



TM49901960

MODEL	DESCRIPTION
TM5317DE	SDS Max Dust Extraction
TM896020	8 Gallon Dust Extractor
TM49406110	Cutting Dust Shroud
TM49901952	HEPA Filter
TM49901953	Main Filter
TM49901954	Plastic Dust Bags - 5PK
TM49901955	Fleece Dust Bags - 5PK
TM49901957	Power Tool Adapter
TM49901958	Hose Sleeve
TM49901959	Hose Clip Adapter
TM49901960	Dust Extraction Adapter
TM5318DE	SDS Max Chisel Boot
TM49406101	4"-5" Surface Grinding Dust Shroud

SDS PLUS AND SDS MAX VACUUM DRILL BITS



MODEL	DESCRIPTION
TM48202102	7/16" SDS Plus Vacuum Bit
TM48202106	1/2" SDS Plus Vacuum Bit
TM48202110	9/16" SDS Plus Vacuum Bit
TM48202114	5/8" SDS Plus Vacuum Bit
TM48202118	3/4" SDS Plus Vacuum Bit
TM48202100	SDS Plus Vacuum Bit Replacement Adapter
TM48202152	5/8" SDS MAX Vacuum Bit
TM48202156	3/4" SDS Max Vacuum Bit
TM48202160	7/8" SDS MAX Vacuum Bit
TM48202164	1" SDS MAX Vacuum Bit
TM48202168	1-1/8" SDS MAX Vacuum Bit
TM48202172	1-3/8" SDS MAX Vacuum Bit
TM48202150	SDS MAX Vacuum Bit Replacement Adapter



ATTACHMENT CONNECTIVITY

HOSE TO SHROUD CONNECTION



HOSE CLIP ADAPTER
TM49901959

TM49901960

SHROUD TO TOOL CONNECTION



4"-5" SURFACE GRINDING DUST SHROUD
TM49406101



DUST EXTRACTION ADAPTER
TM49901957



SDS PLUS & MAX VACUUM BITS



HOSE SLEEVE
TM49901958



4"-5" SURFACE GRINDING DUST SHROUD
TM49406101



VACUUM ASSISTED DUST EXTRACTOR
TM5261DE



HOSE CLIP ADAPTER
TM49901959



SDS MAX DUST EXTRACTION
TM5317DE



CUTTING DUST SHROUD
TM49406110



SDS MAX CHISEL
TM5318DE

