



DUST EXTRACTION SOLUTIONS

COMPATIBILITY GUIDE



CORDED TOOLS



OSHA® REGULATION ON RESPIRABLE CRYSTALLINE SILICA DUST

According to the Occupational Safety and Health Administration, over two million construction workers a year are exposed to crystalline silica dust. Found in materials like concrete, tile, rock, stone and brick, exposure to silica dust can be a major cause of a fatal lung cancer known as silicosis.

Starting September 23, 2017, the OSHA® regulation on respirable crystalline silica dust (29 CFR 1926.1153) will be enforced for construction trades. This regulation reduces the Permissible Exposure Limit (PEL) to 50 µg/m³ over an 8-hour period and will affect jobsites nationwide.

COMPLIANCE METHODS

TABLE 1

(Compliance through OSHA's Specified Control Methods)

Rotary Drilling / Chipping

Drill or chip with a commercial dust collection system. Filtration must have a minimum 99% efficiency and a filter cleaning mechanism.

Cutting / Grinding

Use a shroud that is attached to a dust extractor with a suction rate of at least 25CFM per inch of wheel diameter. The dust extractor filter must have a minimum 99% efficiency and a filter cleaning mechanism.

OBJECTIVE DATA

Data provided by the manufacturer that proves users are below the PEL (Permissible Exposure Limit) when using engineered control methods such as MILWAUKEE® HAMMERVAC™ units or dust shrouds.

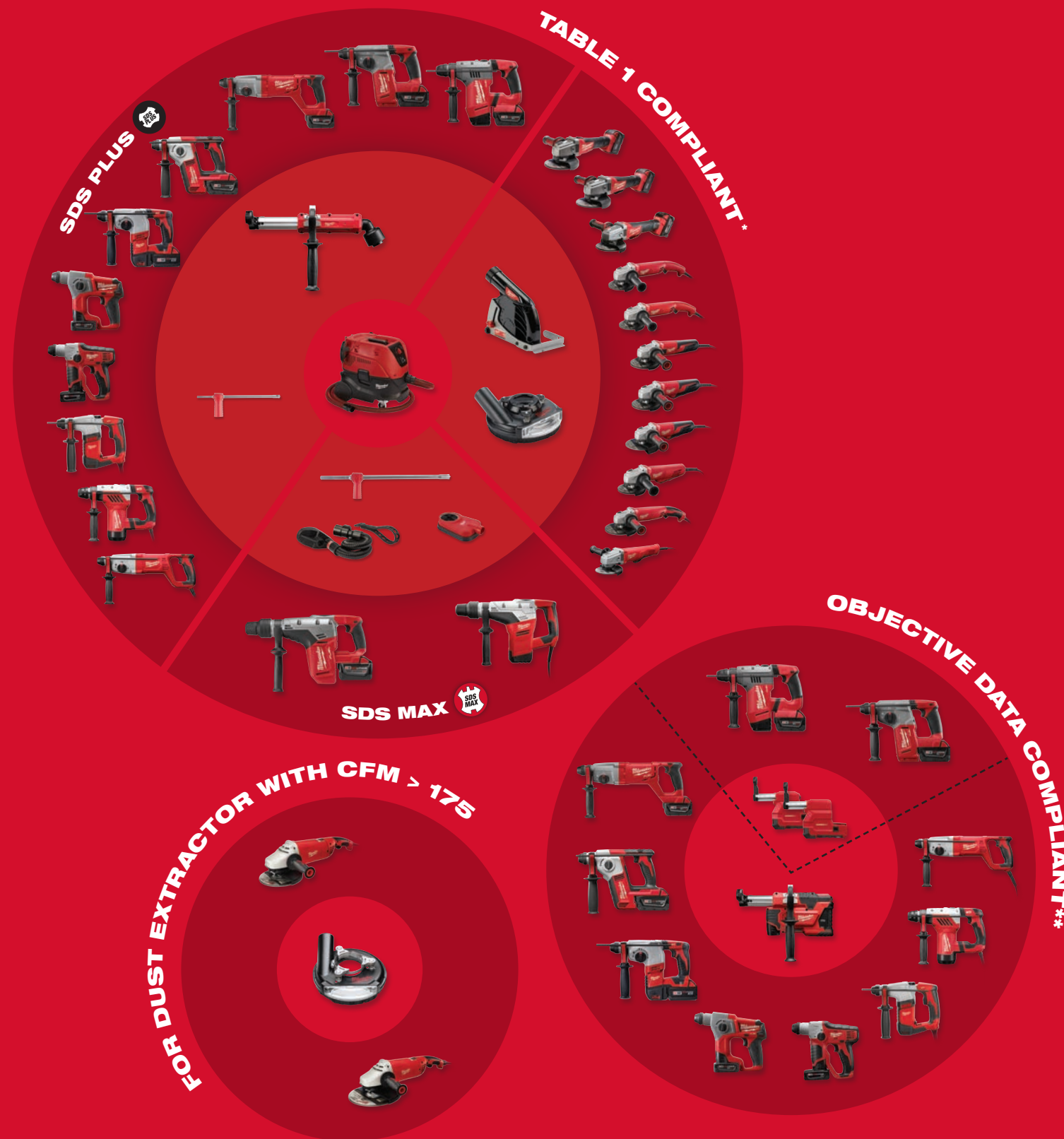
Reference milwaukeetool.com for details on objective data

SELF-MONITORING PROGRAM

Employers may choose to collect dust with alternative methods. *This can be time-consuming and costly.* If this option is chosen, employers must:

- Purchase and utilize air quality monitoring systems.
- Acquire test data from air monitoring systems.
- Provide medical assessments for employees exposed to silica dust.

DUST EXTRACTION SOLUTIONS



*System is compliant to the Exposure Control Methods as described by Table 1 of OSHA® Regulation 29 CFR 1926.1153 assuming operation and maintenance in accordance to manufacturer's instructions. Visit www.osha.gov for compliance details.

**Data provided by the manufacturer that proves users are below the PEL (Permissible Exposure Limit) when using engineered control methods such as MILWAUKEE® HAMMERVAC™ units or dust shrouds. OSHA® compliant when used in accordance with manufacturer's instructions.



POWERFUL CONSISTENT SUCTION, CLEANER AIR

Automatic Filter Cleaning Mechanism

Self cleaning every 15 seconds to help maintain consistent airflow

2-Step Filtration System (Main Filter and HEPA Filter)

Main PTFE filter acts as first filtration method, air then flows through HEPA filter which captures the remaining small and hazardous dust particles

8 Gallon Capacity



Durable Metal Casters

Powerful Motor

148 CFM and 92" Water Lift

Suction Control Dial

Tool Activated Outlet

Quiet Operation

69dB

13 Foot Anti-Static Hose

8 GALLON DUST EXTRACTOR

8960-20

ACCESSORIES



49-90-1952
HEPA Filter



49-90-1953
Main Filter



49-90-1954
Plastic Dust Bag - 5 Pk



49-90-1955
Fleece Dust Bag - 5 Pk



49-90-1957
Power Tool Adapter



49-90-1958
Hose Sleeve Adapter



49-90-1959
Hose Clip Adapter



49-90-1960
Dust Extraction Adapter



M18 FUEL

DRIVEN TO OUTPERFORM.™

**FASTER
THAN CORDED**

**CORDED
DURABILITY**

**ALL DAY
WORK
ON ONE CHARGE**

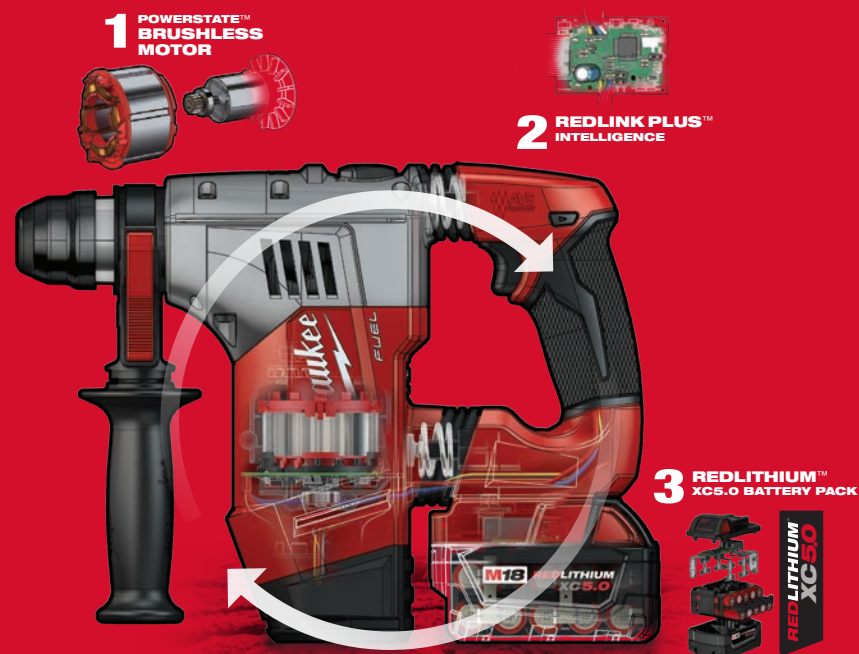


M18 FUEL™ 1" SDS Plus
D-Handle Rotary Hammer Kit
2713-22

**FASTER
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**ALL DAY
WORK
ON ONE CHARGE**



M18 FUEL™ 1-1/8" SDS Plus
Rotary Hammer Kit
2715-22

SDS PLUS



TOOL		EXTRACTOR				
1/2" 2412-22XC	M12 FUEL 5/8" 2416-22XC	UNIVERSAL 	OR	DEDICATED 	OR	DEDICATED
7/8" 2605-22	M18 FUEL 5/8" 2612-22					
M18 FUEL 1" 2712-22	M18 FUEL 1" 2713-22	HAMMERCAC™ M12™ Universal Dust Extractor 2306	OR	HAMMERCAC™ Dedicated Dust Extractor 2712-DE	OR	HAMMERCAC™ Dedicated Dust Extractor 2715-DE
M18 FUEL 1-1/8" 2715-22	1" 5262-21					
5/8" 5263-21	1-1/8" 5268-21			Compatible with M18 FUEL™ 1" SDS Plus Rotary Hammer (2712-22)	OR	Compatible with M18 FUEL™ 1-1/8" SDS Plus Rotary Hammer (2715-22)

TOOL		ATTACHMENT / ADAPTER	EXTRACTOR
1/2" 2412-22XC	M12 FUEL 5/8" 2416-22XC	UNIVERSAL 	
7/8" 2605-22	M18 FUEL 5/8" 2612-22		
M18 FUEL 1" 2712-22	M18 FUEL 1" 2713-22	OR	
M18 FUEL 1-1/8" 2715-22	1" 5262-21		
5/8" 5263-21	1-1/8" 5268-21		



M18 FUEL

DRIVEN TO OUTPERFORM.™



AS FAST AS CORDED

CORDED DURABILITY

OVER 20 MIN OF CHIPPING

SDS MAX

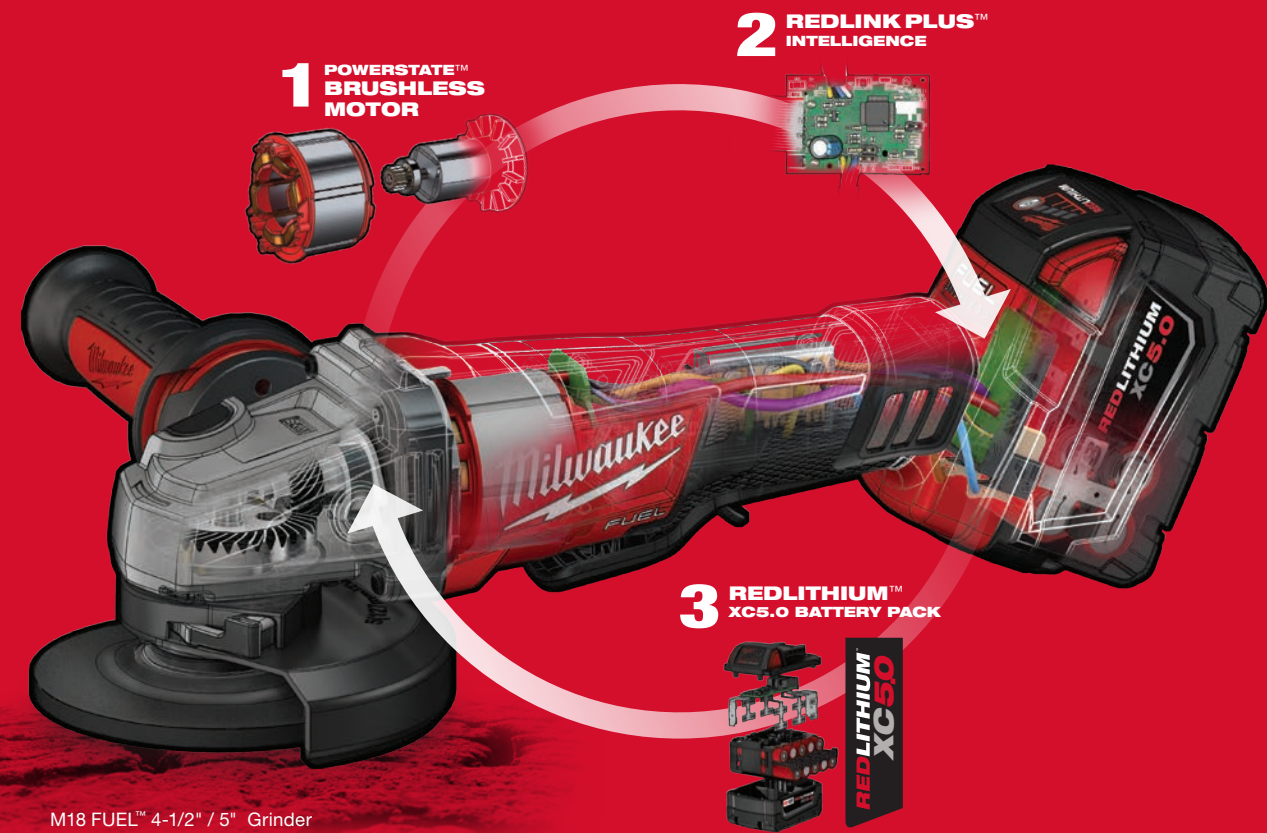


TOOL	ATTACHMENT / ADAPTER	EXTRACTOR
<p>M18 FUEL</p> <p>1-9/16" 2717-22HD</p> 	<p>SDS Max Dust Extraction Attachment 5317-DE</p> <p>+</p> <p>Hose Clip Adapter 49-90-1959</p>	
	OR	
<p>1-9/16" 5317-21</p> 	<p>SDS Max Vacuum Bit</p> <p>+</p> <p>Power Tool Adapter 49-90-1957</p>	 <p>8 Gallon Dust Extractor 8960-20</p>
	OR	
<p>1-3/4" 5426-21</p> 	<p>SDS Max Chisel Boot 5318-DE</p> <p>+</p> <p>Hose Clip Adapter 49-90-1959</p>	
	OR	
<p>1-3/4" 5446-21</p> 	<p>SDS Max Chisel Boot 5318-DE</p> <p>+</p> <p>Hose Clip Adapter 49-90-1959</p>	



M18 FUEL™

DRIVEN TO OUTPERFORM.™



M18 FUEL™ 4-1/2" / 5" Grinder
Paddle Switch, No-Lock Kit
2780-22

POWER TO GRIND

UP TO **2X** MORE RUN-TIME

UP TO **10X** LONGER TOOL LIFE




SMALL ANGLE GRINDERS

TOOL	ATTACHMENT / ADAPTER	EXTRACTOR
M18 FUEL 2780-22		
M18 FUEL 2781-22		
M18 FUEL 2783-22	+ 	
6121-30		
6121-31		
6117-30		
6117-33		
6161-31		
6146-33		
6124-31		
6141-31 6142-31		
	OR	
	+ 	

*Visit milwaukeetool.com for details on compatibility



LARGE ANGLE GRINDERS

TOOL	ATTACHMENT / ADAPTER	EXTRACTOR
<p>6088</p> 	 <p>7" Universal Surface Grinding Dust Shroud 49-40-6105</p>	 <p>8 Gallon Dust Extractor 8960-20</p>
<p>6089</p> 	<p>+</p>  <p>Hose Sleeve Adapter 49-90-1958</p>	



M18

**PERFORMANCE DRIVEN
TRADE FOCUSED
SYSTEM WIDE**



DUST EXTRACTION OSHA® COMPLIANCE SOLUTIONS

Tool	Attachment	Adapter	Extractor	Compliance Method	
				Table 1	Objective Data
SDS Plus					
2412-22XC (2412-20 Tool-Only)	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	
2416-22XC (2416-20 Tool-Only)	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	
2605-22 (2605-20 Tool-Only)	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	
2612-22, 2612-21 (2612-20 Tool-Only)	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	
2712-22HD, 2712-22 (2712-20 Tool-Only)	2712-DE	N/A	Integrated		✓
	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	
2713-22HD, 2713-22 (2713-20 Tool-Only)	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	
2715-22HD, 2715-22 (2715-20 Tool-Only)	2715-DE	N/A	Integrated		✓
	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	
5262-21	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	
5263-21	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	
5268-21	2306-20/22	N/A	Integrated		✓
	5261-DE	49-90-1958	8960-20	✓	
	SDS Plus Vacuum Bits	49-90-1957	8960-20	✓	

Tool	Attachment	Adapter	Extractor	Compliance Method	
				Table 1	Objective Data
SDS Max/Spline					
2717-22HD (2717-20 Tool-Only)	5317-DE, 5318-DE	49-90-1959	8960-20	✓	
	SDS Max Vacuum Bits	49-90-1957	8960-20	✓	
5317-21	5317-DE, 5318-DE	49-90-1959	8960-20	✓	
	SDS Max Vacuum Bits	49-90-1957	8960-20	✓	
5426-21	5317-DE, 5318-DE	49-90-1959	8960-20	✓	
	SDS Max Vacuum Bits	49-90-1957	8960-20	✓	
5446-21	5317-DE, 5318-DE	49-90-1959	8960-20	✓	
	SDS Max Vacuum Bits	49-90-1957	8960-20	✓	
5342-21	5317-DE, 5318-DE	49-90-1959	8960-20	✓	
	SDS Max Vacuum Bits	49-90-1957	8960-20	✓	
5339-21	5318-DE	49-90-1959	8960-20	✓	
Small Angle Grinders					
6141-30	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6141-31	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6142-30	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6142-31	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
2780-22HD, 2780-22, 2780-21 (2780-20 Tool-Only)	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
2781-22HD, 2781-22, 2781-21 (2781-20 Tool-Only)	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
2783-22HD, 2783-22, 2783-21 (2783-20 Tool-Only)	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6117-30	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6117-31	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6117-33	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6117-33D	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6121-30	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6121-31	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6121-31A	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6124-30	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6124-31	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6146-33	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6149-59	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
6149-59A	49-40-6101, 49-40-6110	49-90-1960, 49-90-1959	8960-20	✓	
Large Angle Grinders					
6088	49-40-6105	49-90-1958	CFM >175	✓	
6088	49-40-6105	49-90-1958	8960-20		✓
6089	49-40-6105	49-90-1958	CFM >175	✓	
6089	49-40-6105	49-90-1958	8960-20		✓