



# HILTI SUBMITTAL PACKAGE OSHA 1926.1153 TABLE 1, SECTION vii

**Section vii: Handheld and  
stand-mounted drills  
(including impact and  
rotary hammer drills)**

All Hilti hollow drill bits:  
TE-CD (SDS+)  
TE-YD (SDS-max)



 For instructions on how to assemble these systems, please refer to the Hilti North America Youtube page

## TABLE 1 REQUIREMENTS

These systems fall under table 1, **section vii: handheld and stand-mounted drills (including impact and rotary hammer drills)**. In order to be table 1 compliant, the below requirements must be met:

- Use drill equipped with commercially available shroud or cowling with dust collection system
- Operate and maintain tool in accordance with manufacturer’s instructions to minimize dust emissions
- Dust collector must provide the air flow recommended by the tool manufacturer, or greater
- Have a filter with 99% or greater efficiency and a filter-cleaning mechanism

Note: Vacuum must be equipped with a HEPA-filter when cleaning holes. No HEPA filter needed when utilizing Hilti hollow drill bits within a Hilti SafeSet system

Table 1 states that no respirator is required if the above controls are fully and properly implemented.

Equipment / Task	Engineering and work practice control methods	Required respiratory protections and minimum Assigned Protection Factor (APF)	
		≤ 4 hours / shift	> 4 hours / shift
Handheld and stand-mounted drills (including impact and rotary hammer drills)	Use drill equipped with commercially available shroud or cowling with dust collection system. Operate and maintain tool in accordance with manufacturer’s instructions to minimize dust emissions. Dust collector must provide the air flow recommended by the tool manufacturer, or greater, and have a filter with 99% or greater efficiency and a filter-cleaning mechanism. Use a HEPA-filtered vacuum when cleaning holes.	None	None
		None	None

Check below to see how your system can be compliant with 1926.1153 Table 1.

Tool models	Accessory	Vacuums (can use any)	Method of compliance
TE 2 series TE 3-C series TE 7 series TE 4-A 22 TE 6-A 36 TE 30 series TE 40-AVR	Any TE-CD drill bit	VC 125-6 VC 125-9 VC 20-U VC 40-U VC 40-UE VC 150-6 X VC 150-10 X	All table 1 compliant
TE 50-AVR TE 60 series TE 70 series TE 80-ATC/AVR	Any TE-YD drill bit	VC 150-6 XE VC 150-10 XE VC 300-17 X	

## SYSTEM OVERVIEW

Hilti rotary hammers with a hollow drill bit are table 1 compliant through use of a hollowed out drill bit hooked up to a vacuum that meets table 1 requirements. Hilti currently offers the below systems with this configuration:

Tool	Accessory	Vacuum (use any)	
 TE 2-A 18		 VC 125-6	 VC 125-9
 TE 2 and TE 2-S		 VC 20-U	 VC 150-6 X
 TE 3-C		 VC 150-6 XE	 VC 40-U
 TE 7 and TE 7-C	 TE-CD hollow drill bits	 VC 150-10 X	 VC 40-UE
 TE 4-A 22		 VC 150-10 X	 VC 40-UE
 TE 6-A 36		 VC 150-10 XE	 VC 300-17 X
 TE 7-A			
 TE 30 and TE 30-C			
 TE 30-A 36			
 TE 40-AVR			

Note: previous generations of tools may have different item numbers or nomenclature. Check with your local Hilti representative or product instruction manual to verify

Tool	Accessory	Vacuum (use any)	
 TE 50-AVR		 VC 125-6	 VC 125-9
 TE 60-AVR		 VC 20-U	 VC 150-6 X
 TE 60-ATC/AVR	 TE-YD hollow drill bits	 VC 150-6 XE	 VC 40-U
 TE 70-AVR		 VC 150-10 X	 VC 40-UE
 TE 70-ATC/AVR		 VC 150-10 XE	 VC 300-17 X
 TE 80-ATC/AVR			

Note: previous generations of tools may have different item numbers or nomenclature. Check with your local Hilti representative or product instruction manual to verify