

HILTI SUBMITTAL PACKAGE OSHA 1926.1153 TABLE 1, SECTION ii

Section ii: handheld power saws (any blade diameter)

Current Hilti saws with wet cutting solutions DSH 600-X DSH 700-X DSH 900-X

> 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 ii: handheld power saws (any blade diameter). In order to be table 1 compliant, the below requirements must be met:

- · 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.

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

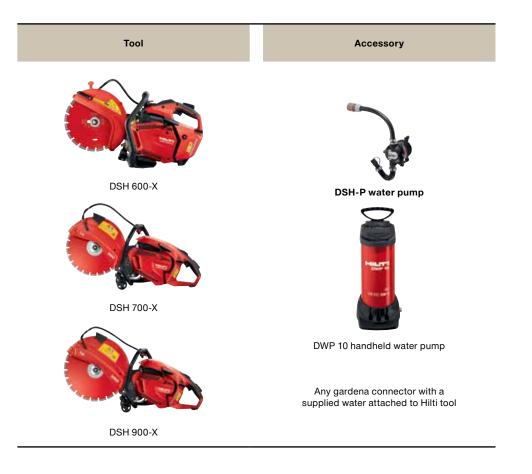
| Equipment / Task | Engineering and work practice control methods | Required respiratory protections and minimum Assigned Protection Factor (APF) | |
|--|--|---|-------------------|
| | | ≤ 4 hours / shift | > 4 hours / shift |
| (ii) handheld power saws (any blade diameter) | Use saw equipped with integrated water delivery system that continuously feeds water to the blade. | None | None |
| | Operate and maintain tool in accordance with manufacturer's instructions to minimize dust emissions. | | |

Check below to see how your system can be compliant with 1926.1153 Table 1. To verify the generation of your tool, check the rating plate, or call Hilti at 800-879-8000 with your serial number.

| Tool name | Accessory (any one) | Method of compliance | |
|--|--|----------------------|--|
| DSH 600 series DSH 700 series DSH 900 series | DSH-P water pump (2124505) DWP 10 (365595) Gardena connector with supplied water (4297) | all table 1 | |

SYSTEM OVERVIEW

Handheld power saws from Hilti comply with table 1 through an integrated water delivery system to supply water to the cutting surface. Hilti currently offers the below systems with this configuration:





DSH 600-X/700-X/900-X

DSH Handheld Gas Saw Dust Control - OSHA

Hilti developed gas saw cutting systems which are equipped with a water connection to be attached to a pressurized water source, compliant with OSHA 1926.1153, Table 1. The use of the Hilti DSH-P eliminates the need for a pressurized water source.

Set-up

- 1. Attach the water source to the tool.
- 2. Turn on the water
- 3. Verify that the user has the appropriate supply of water, and that the gas saw's water valve functions properly.
- 4. See DSH gas saw operator's instructions for additional information
 - Check for damage or leaks in the DSH gas saw's valve and water tube
 - Verify the spray nozzles are not clogged, and direct the water to the cutting surface.

Cutting

- 1. Turn on the pressurized water source before beginning to cut.
- Adjust the water valve to ensure proper water flow during cutting to minimize visible dust.
- 4. Maintain water flow until cutting is completed.

Cleaning and maintenance

· See manufacture instructions for wet cutting machines