



Petrotek

DEMO SAFETY – BEVELING PIPE

The use of a demo saw in the construction industry is a common practice. How you use one may be attributed to how you saw someone else using it. Is it the right way, is it the proper application, and is the blade the correct one for the material being cut?

Let's take a closer look at the use of a Demo Saw for beveling pipe. What do you think OSHA or the saw manufacturers have to say about beveling pipe with a demo saw?

Before you use any powered equipment, you should review the manufacturer's instruction/owner/safety manual for specific details and precautions. Employees must be trained in proper use and understand the safety hazards of these tools BEFORE they are authorized to use them.



Typical Demo Saw

This said, most manufacturers of the saw blades and the demo saw prohibit the use of a demo saw for beveling pipe. You must read the instructions before using the saw in this application.

OSHA strictly prohibits the use of abrasive grinding blades for beveling pipe. This is found in 29 CFR 1926.303(d) and in a Letter of Interpretation #20090917-9271. This letter references ANSI B7.1-1970 and it states the side grinding shall only be performed with wheels designed for such purpose.

So if OSHA shows up on your site and you are grinding the side of a pipe with a demo saw, you better have the manufacturer's instruction on site which indicate such use is authorized. If you do not, a heavy fine and citation may be assessed to your company.

So how can you safely bevel a pipe? The use of a 4inch hand-held grinder with the guard and appropriate wheel attached is recommended. Remember to use the appropriate PPE such as a face shield with safety glasses, hearing protection, safety toe work boots, and a hardhat. You may also need to use a respirator. However, use of a respirator requires additional training and a respiratory protection program must be in place.

Name & Signature of Employees at Tailgate Meeting

_____	_____	_____
_____	_____	_____
_____	_____	_____
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Referenced Standards: 29 CFR 1926.303(d)

Information is provided as general information only and should not be used as legal guidance to comply with federal, state or local regulations.

Contact Petrotek at 303.290.9414 or druddy@petrotek.com for safety support services.

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