



AMERICAN WATER

USE OF CUT-OFF AND RING SAWS

When performing work for AW, Subcontractor will conform (and will ensure that all of its lower-tier subcontractors performing work for AW conform) with all of the following requirements:

- I. The use of Cut-Off and Ring Saws for cutting pipe of any diameter is prohibited at AW worksites.
- II. Cut-off and Ring Saws may be used for pavement cutting if: i) equipped with approved abrasive blades; and ii) the saw is properly mounted in a cart approved by the manufacturer and designed specifically for the saw model in use. No hands free use of cut off saws or ring saws for pavement cutting applications is allowed. Subcontractor must follow all of the manufacturer's recommendations, warnings and safeguards.
- III. The use of diamond-tipped blades is prohibited in any Cut-Off Saw application. Subcontractor may only utilize Abrasive Blades with Cut-Off Saws.
- IV. Cut-Off Saws may be used to cut concrete masonry block if equipped with the appropriate abrasive concrete blade. Subcontractor must follow all of the manufacturer's recommendations, warnings and safeguards.
- V. Subcontractor shall: i) train its employees on the proper use and application of all equipment; ii) follow all of the manufacturer's recommendations; and iii) comply with all applicable Federal, State and local health and safety regulations.

For purposes of this document, the following definitions apply:

Abrasive Wheels (also called "Abrasive Blades" or "Abrasive Discs") - The cutting component of the cut off saw consisting of abrasive grains held together by organic or inorganic bonds. Diamond and reinforced abrasive wheels are included and can be identified by the label on both the cutting wheel and the package. The use of diamond-tipped blades is prohibited in any cut-off saw application. Subcontractor shall use only authorized abrasive wheels with an approved RPM rating for the Cut-Off Saw being used. Subcontractor shall use only manufacturer recommended and approved abrasive wheels, and shall never use a cutting wheel with a lower speed rating than that of the power cutter. Subcontractor acknowledges and understands that use of the wrong abrasive wheel or material for which it was not designed may cause the abrasive wheel to shatter, causing serious or fatal injury.

Cut-Off Saw – A class of gas-powered hand-held saws that can be used for cutting a variety of materials based on the abrasive wheel used. These are also referred to as "quick saws" or "chop saws", and may have the brand name of "Cutquick."

Gas Powered Cut-Off and Ring Saws – Hand-held portable circular saws used for cutting concrete, reinforced concrete, asphalt, masonry products, thin steel sections, sheet metal products (both steel and aluminum) and light steel sections such as angles and channels.

Ring Saw – A class of gas-powered hand-held saws that can be used for cutting a variety of materials. These saws do not have a solid blade, but rather utilize a circular cutting band that rotates by direct contact with rollers. The cutting bands are diamond-tipped abrasive material.