

# SAFE WORK PROCEDURES

## TILE SAW



### SPECIAL INSTRUCTIONS:

1. Refer to manufacturer's instructions for specific procedures to follow when using tile saws.
2. Appropriate personal protective equipment must always be worn when operating a tile saw.

Sequence	Identified hazards	Key processes to be followed	Precautions / PPE required
1. General precautions	<p>Instability of machine</p> <p>Electric shock</p> <p>Moving parts</p> <p>Damage to cutting blade</p> <p>Slips, trips and falls</p>	<p>Unplug machine before carrying out maintenance.</p> <p>Ensure that tile saw is set up on a firm, level surface with good access to allow materials to be easily moved to and from the machine.</p> <p>Ensure that folding legs are properly extended and locked into position.</p> <p>Check that machine has been tested by an authorised person, and that a current inspection tag is fitted to the attached power lead at the plug end.</p> <p>Machine should only be connected to a power circuit protected by a tested residual current device (RCD or safety switch).</p> <p>Ensure that all guards and covers are fitted to machine before operating.</p> <p>Ensure that ample supply of cooling water is provided for cutting blade.</p> <p>Keep receptacle adjacent to saw for offcuts and waste material.</p>	<p>Do not use machine if unstable.</p> <p>Do not use untested machine.</p> <p>Always connect to safety switch.</p> <p>Do not operate without guards.</p> <p>Keep work area clear of debris.</p>
2. Pre-start checks	<p>Damage to cutting blade</p> <p>Moving table type</p> <p>Moving blade type</p> <p>Water flow</p>	<p>Check that the blade fitted is suitable for the type of tile to be cut.</p> <p>Check that table slides freely on guides for full length of cut.</p> <p>Check that blade and motor unit slides freely along guides for full length.</p> <p>Check flow of cooling water to saw blade before commencing cutting.</p>	<p>Do not use faulty equipment.</p> <p>Avoid dry cutting of tiles.</p>
3. Operation	<p>Electric shock</p> <p>Cuts to hands</p> <p>Flying objects</p> <p>Noise</p> <p>Skin abrasions</p> <p>Over-exertion/strain</p>	<p>Keep power lead well clear of cutting blade on moving blade machines.</p> <p>Ensure that hands are kept clear of saw blade when cutting tiles.</p> <p>Use tool or clamp to hold small pieces of tile when cutting.</p> <p>Saw will generate abrasive dust and slurry when cutting.</p> <p><b>Do not force tiles into saw – allow blade to cut at its own speed.</b></p> <p>Keep all foreign material and offcuts clear of blade when cutting.</p> <p>Saw will generate harmful noise levels during cutting.</p> <p>Rough surface of tiles may cause abrasions to wet hands.</p> <p>Ensure that persons are not exposed to risk of injury through moving tiles.</p>	<p>Keep hands clear of blade.</p> <p><b>Eye protection</b> must be worn.</p> <p>Keep cutting table clear.</p> <p>Wear <b>hearing protection</b>.</p> <p><b>PVC gloves</b> should be worn.</p> <p>Observe correct lifting practices.</p>

### PRECAUTIONS:

The following precautions are to be observed in areas where these procedures are carried out.

