SAFETY GUIDELINES - DEFINITIONS

It is important for you to read and understand this manual. The information it contains relates to protecting YOUR SAFETY and PREVENTING PROBLEMS. The symbols below are used to help you recognize this information.

⚠️ DANGER: Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

⚠️ WARNING: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

⚠️ CAUTION: Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

NOTICE: Used without the safety alert symbol indicates potentially hazardous situation which, if not avoided, may result in property damage.

GENERAL SAFETY RULES

⚠️ WARNING: Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

SAVE ALL WARNINGS AND INSTRUCTIONS FOR FUTURE REFERENCE

The term “power tool” in the warnings refers to your mains-operated (corded) power tool or battery-operated (cordless) power tool.

SAVE THESE INSTRUCTIONS

1) WORK AREA SAFETY
   a) Keep work area clean and well lit. Cluttered or dark areas invite accidents.
   b) Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
   c) Keep children and bystanders away while operating a power tool. Distractions can cause you to lose control.

2) ELECTRICAL SAFETY
   a) Power tool plugs must match the outlet. Never modify the plug in any way. Unmodified plugs and matching outlets will reduce risk of electric shock.
   b) Avoid body contact with earthed or grounded surfaces such as pipes, radiators, ranges and refrigerators. There is an increased risk of electric shock if your body is earthed or grounded.
   c) Do not expose power tools to rain or wet conditions. Water entering a power tool will increase the risk of electric shock.
   d) Do not abuse the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of electric shock.
   e) When operating a power tool outdoors, use an extension cord suitable for outdoor use. Use of a cord suitable for outdoor use reduces the risk of electric shock.
   f) If operating a power tool in a damp location is unavoidable, use a ground fault circuit interrupter (GFCI) protected supply. Use of a GFCI reduces the risk of electric shock.

3) PERSONAL SAFETY
   a) Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating power tools may result in serious personal injury.
   b) Use personal protective equipment. Always wear eye protection. Protective equipment such as dust mask, nonskid safety shoes, hard hat, or hearing protection used for appropriate conditions will reduce personal injuries.
   c) Prevent unintentional starting. Ensure the switch is in the off position before connecting to power source and/ or battery pack, picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.
   d) Remove any adjusting key or wrench before turning the power tool on. A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
e) Do not overreach. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

f) Dress properly. Do not wear loose clothing or jewelry. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewelry or long hair can be caught in moving parts.

g) If devices are provided for the connection of dust extraction and collection facilities, ensure these are connected and properly used. Use of dust collection can reduce dust-related hazards.

4) POWER TOOL USE AND CARE

a) Do not force the power tool. Use the correct power tool for your application. The correct power tool will do the job better and safer at the rate for which it was designed.

b) Do not use the power tool if the switch does not turn it on and off. Any power tool that cannot be controlled with the switch is dangerous and must be repaired.

c) Disconnect the plug from the power source and/or the battery pack from the power tool before making any adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.

d) Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool. Power tools are dangerous in the hands of untrained users.

e) Maintain power tools. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool’s operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.

f) Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.

g) Use the power tool, accessories and tool bits, etc. in accordance with these instructions, taking into account the working conditions and the work to be performed. Use of the power tool for operations different from those intended could result in a hazardous situation.

5) SERVICE

a) Have your power tool serviced by a qualified repair person using only identical replacement parts. This will ensure that the safety of the power tool is maintained.

SPECIFIC SAFETY RULES

• Hold power tool by insulated gripping surfaces, when performing an operation where the cutting accessory may contact hidden wiring or its own cord. Cutting accessory contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.

• Use clamps or another practical way to secure and support the work piece to a stable platform. Holding the work by hand or against your body leaves it unstable and may lead to loss of control.

• Disconnect power before using tool near live wires or where there may be hidden wiring. Cutting accessory contacting a “live” wire may make exposed metal parts of the power tool “live” and could give the operator an electric shock.” Always check for hidden wiring, gas lines, or other utilities before performing any material cutting or removal operations with the tool.

• Wait for the cutter to stop before setting the tool down. An exposed cutter may engage the surface leading to possible loss of control and serious injury.

• Do not operate this tool for long periods of time. Vibration caused by the operating action of this tool may cause permanent injury to fingers, hands, and arms. Use gloves to provide extra cushion, take frequent rest periods, and limit daily time of use.

• Always hold the tool firmly with both hands for maximum control. Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.

• Do not restart the cutting operation in the work piece. Let the tool reach full speed and carefully re-enter the cut.

• Do not “jam” the cut-off saw blade or apply excessive pressure. Do not attempt to make an excessive depth of cut.

• Keep your hands away from cutting area. Do not reach under the material being cut.

• Do not use dull or damaged blades. Bent blade can break easily or cause kickback. Exercise extreme caution when handling the accessories. The accessories are very sharp. Wear protective gloves when changing cutting accessories. Accessories become hot after prolonged usage.

• Before scraping, check work piece for nails. If there are nails, either remove them or set them well below intended finished surface. Striking a nail with accessory edge could cause the tool to jump.
• Do not wet sand with this tool. Liquids entering the motor housing are an electrical shock hazard.
• Never work in area which is soaked with a liquid, such as a solvent or water, or dampened such as newly applied wallpaper. There is an electrical shock hazard when working in such conditions with a power tool and heating of the liquid caused by scraping action may cause harmful vapors to be emitted from work piece.
• Do not use sandpaper intended for larger sanding pads. Larger sandpaper will extend beyond the sanding pad causing snagging, tearing of the paper or kick-back. Extra paper extending beyond the sanding pad can also cause serious lacerations.

⚠️ WARNING: ALWAYS use safety glasses. Everyday eyeglasses are NOT safety glasses.
Also use face or dust mask. ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT:
• ANSI Z87.1 eye protection (CAN/CPA Z94.3),
• ANSI S12.6 (S3.19) hearing protection,
• NOSH/OSHA respiratory protection.

⚠️ WARNING: Some dust created by power sanding, sawing, grinding, drilling, and other construction activities contains chemicals known to the state of California to cause cancer, birth defects or other reproductive harm. Some examples of these chemicals are:
• lead from lead-based paints,
• crystalline silica from bricks and cement and other masonry products, and
• arsenic and chromium from chemically-treated lumber.
Your risk from these exposures varies, depending on how often you do this type of work. To reduce your exposure to these chemicals: work in a well ventilated area, and work with approved safety equipment, such as those dust masks that are specially designed to filter out microscopic particles.
• Avoid prolonged contact with dust from power sanding, sawing, grinding, drilling, and other construction activities. Wear protective clothing and wash exposed areas with soap and water. Allowing dust to get into your mouth, eyes, or lay on the skin may promote absorption of harmful chemicals.

⚠️ WARNING: Use of this tool can generate and/or disperse dust, which may cause serious and permanent respiratory or other injury. Always use NOSH/OSHA approved respiratory protection appropriate for the dust exposure. Direct particles away from face and body.

⚠️ WARNING: Always wear proper personal hearing protection that conforms to ANSI S12.6 (S3.19) during use. Under some conditions and duration of use, noise from this product may contribute to hearing loss.

PRECAUTIONS TO TAKE WHEN SANDING PAINT
1. Sanding of lead based paint is NOT RECOMMENDED due to the difficulty of controlling the contaminated dust. The greatest danger of lead poisoning is to children and pregnant women.
2. Since it is difficult to identify whether or not a paint contains lead without a chemical analysis, we recommend the following precautions when sanding any paint:

PERSONAL SAFETY
1. No children or pregnant women should enter the work area where the paint sanding is being done until all clean up is completed.
2. A dust mask or respirator should be worn by all persons entering the work area. The filter should be replaced daily or whenever the wearer has difficulty breathing. See your local hardware store for the proper N.I.O.S.H. approved dust mask.
3. NO EATING, DRINKING or SMOKING should be done in the work area to prevent ingesting contaminated paint particles. Workers should wash and clean up BEFORE eating, drinking or smoking. Articles of food, drink, or smoking should not be left in the work area where dust would settle on them.

ENVIRONMENTAL SAFETY
1. Paint should be removed in such a manner as to minimize the amount of dust generated.
2. Areas where paint removal is occurring should be sealed with plastic sheeting of 4 mils thickness.
3. Sanding should be done in a manner to reduce tracking of paint dust outside the work area.

CLEANING AND DISPOSAL
1. All surfaces in the work area should be vacuumed and thoroughly cleaned daily for the duration of the sanding project. Vacuum filter bags should be changed frequently.
2. Plastic drop cloths should be gathered up and disposed of along with any dust chips or other removal debris. They should be placed in sealed refuse receptacles and disposed of
through regular trash pick-up procedures. During clean up, children and pregnant women should be kept away from the immediate work area.

3. All toys, washable furniture and utensils used by children should be washed thoroughly before being used again.

SYMBOLS

- The label on your tool may include the following symbols. The symbols and their definitions are as follows:

  - $V$.................volts
  - $Hz$.................hertz
  - $min$..............minutes
  - $\sim$ or DC...direct current
  - $\bullet$ Class I Construction (grounded)
  - $\Box$ Class II Construction (double insulated)
  - $\odot$ Read instruction manual before use
  - $\odot$ Use proper eye protection
  - $\odot$ Use proper hearing protection
  - $\odot$ Use proper respiratory protection

- When using an extension cord, be sure to use one heavy enough to carry the current your product will draw. An undersized cord will cause a drop in line voltage resulting in loss of power and overheating. The table shows the correct size to use depending on cord length and nameplate ampere rating. If in doubt, use the next heavier gauge. The smaller the gauge number, the heavier the cord.

<table>
<thead>
<tr>
<th>Volts</th>
<th>Total Length of Cord in Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>120V</td>
<td>0-25 (0-7,6m)</td>
</tr>
<tr>
<td></td>
<td>26-50 (7,6-15,2m)</td>
</tr>
<tr>
<td></td>
<td>51-100 (15,2-30,4m)</td>
</tr>
<tr>
<td></td>
<td>101-150 (30,4-45,7m)</td>
</tr>
<tr>
<td>240V</td>
<td>0-50 (0-15,2m)</td>
</tr>
<tr>
<td></td>
<td>51-100 (15,2-30,4m)</td>
</tr>
<tr>
<td></td>
<td>101-200 (30,4-60,9m)</td>
</tr>
<tr>
<td></td>
<td>201-300 (60,9-91,4m)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ampere Rating</th>
<th>More Than</th>
<th>Not more Than</th>
<th>American Wire Gauge</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 6</td>
<td>14</td>
<td>16</td>
<td>16</td>
</tr>
<tr>
<td>6 - 10</td>
<td>16</td>
<td>14</td>
<td>12</td>
</tr>
<tr>
<td>10 - 12</td>
<td>16</td>
<td>14</td>
<td>12</td>
</tr>
<tr>
<td>12 - 16</td>
<td>12</td>
<td>Not Recommended</td>
<td></td>
</tr>
</tbody>
</table>

INTENDED USE

Detail Sanding
Sanding in extremely tight areas otherwise difficult to reach and require hand sanding. Select a high oscillating frequency. Sand with continuous motion and light pressure. Applying excessive pressure does not increase material removal; but will prematurely wear sanding sheets.

Flush Cutting
Remove excess wood from door jamb, window sill and/or toe kick. Removing excess copper or PVC pipe.

Removal Work
Carpets & backing, old tile adhesives, caulking on masonry, wood and other surfaces.

Removal of Excess Materials
Tile grout, plaster, mortar splatters, concrete on tiles, sills.

Preparation of Surfaces
New floors and tiles.

SAVE THESE INSTRUCTIONS
ASSEMBLY

⚠️ WARNING: Disconnect the plug from the power source before making any assembly, adjustments or changing accessories. Such preventive safety measures reduce the risk of starting the tool accidentally.

⚠️ WARNING: Risk of lacerations or burns. Do not touch the sharp edges of accessories at any time. Do not touch work piece or blade immediately after operating the tool. They can become very hot. Handle carefully. Always allow accessories and work piece to cool before handling.

⚠️ CAUTION: This multi-tool is compatible only with DeWalt® Universal Fitment™ accessories and is not compatible with other Porter-Cable accessories.

INSTALLING/REMOVING ACCESSORIES

The tool features an exclusive Tool Free System for faster accessory changes and adjustments without the need for wrenches or hex keys like other oscillating tool systems.

· Grasp the tool and squeeze the Tool-Free System’s accessory clamping lever as shown in figure 2.

· Clean any residual debris from the tool shaft and the accessory holder.

COMPONENTS

A.) On/Off switch
B.) Variable speed dial
C.) 10 foot cord
D.) Tool-Free accessory clamp
E.) Depth/Cut guide*
F.) Depth/Cut adjustment knob*

* Included with PCE605K only.
• Slide the accessory between the shaft and the accessory holder making sure the accessory engages all of the pins on the holder and is flush with the shaft (figure 3).
• Release the accessory clamp lever.
• Some accessories, such as scrapers and blades can be mounted at an angle if required as shown in figure 4.

INSTALLING/REMOVING DEPTH/CUT BLOCK

The depth/cut guide allows you to precisely cut material at a specified depth and more accurately track a marked cut line.
• Attach the depth/cut block by inserting the tabs on the guide into the slots on the main body as shown in figure 5.
• Secure the block to the main body with the supplied screw and tighten with the supplied hex wrench as shown in figure 6.

INSTALLING/REMOVING SANDING SHEETS

A diamond shaped platen uses a hook and loop adhesion system to attach the sanding sheets. The platen allows you to use it on large flat surfaces and tight spots or corners.
• Attach the sanding platen as described under “Installing/Removing Accessories”.
• Align the edges on the sanding sheet, with the edge of the sanding platen and press the sanding sheet onto the platen as shown in figure 7.
• Firmly press the base with the sanding sheet attached against a flat surface and briefly switch the tool on. This provides for good adhesion between the platen and the sanding sheet and also helps to prevent premature wear.
• When the tip of the sanding sheet becomes worn, detach the sheet from the platen, rotate and reapply.
OPERATION

SWITCH
⚠️ CAUTION: Because the tool has a separate speed dial for setting the speed (10,000 - 22,000 OPM), the tool will start at the speed where the variable speed dial is set. Be sure switch is fully OFF before plugging in the power cord.
• Plug in power cord.
• To turn the tool ON, hold it as shown in figure 8 and push the slide switch forward.
• To turn the tool OFF, push the slide switch backward.

VARIABLE SPEED DIAL
To operate the tool, select the speed setting you wish with the speed dial, shown in figure 9, and slide the ON/OFF switch forward. The speed setting can be adjusted either with the tool on or off.
⚠️ CAUTION: Because the tool has a separate speed dial for setting the speed (10,000 - 22,000 OPM), the tool will start at the speed where the variable speed dial is set. Be sure switch is fully OFF before plugging in the power cord.

The numbered positions, 1 through 6 inscribed on the variable speed dial, do not indicate any precise speed but are good reference points. The higher the number, the higher the tool speed.
The approximate speed at each setting is:

<table>
<thead>
<tr>
<th>SPEED SETTING</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
</tr>
</thead>
<tbody>
<tr>
<td>APPROXIMATE SPEED</td>
<td>10,000</td>
<td>12,000</td>
<td>14,000</td>
<td>16,000</td>
<td>18,000</td>
<td>22,000</td>
</tr>
</tbody>
</table>

(Actual OPM’s on your tool may vary.)

Be sure to select the proper speed for your oscillating tool operation. If in doubt about the proper speed for your operation, test the performance at low speed settings and gradually increase until a comfortable speed is found.

PLUNGE CUTTING

⚠️ WARNING: Hold saw firmly with both hands for all cutting operations.
⚠️ WARNING: Inspect work area for hidden electrical wiring, gas pipes or water pipes before making blind or plunge cuts. Failure to do so may result in electrical shock, fire, explosion, or property damage.
⚠️ WARNING: ALWAYS use safety glasses. Everyday eyeglasses are NOT safety glasses. Also use face or dust mask if cutting operation is dusty. ALWAYS WEAR CERTIFIED SAFETY EQUIPMENT.
⚠️ WARNING: CUT HAZARD. Before cutting any type of material, be sure it is firmly anchored or clamped to prevent slipping.
⚠️ WARNING: CUT HAZARD. Let the tool work at its own pace. Do not overload, blade breakage may occur.

TO MAKE A CUT:
• Clearly mark the desired cutting area.
• Switch the tool on before applying pressure and slowly feed the blade into the work piece at the marked location as shown in figure 13.
⚠️ WARNING: CUT HAZARD. Ensure the blade is not in contact with cutting surface before starting saw.
• Advance the blade along the cutting line until cut is completed. Don’t force the tool; let the blade cut at its own speed.
• Switch the tool off.

NOTE: Always use the appropriate type of saw blade for the work piece material and type of cut. Cut only with sharp blades; they cut cleaner, faster and put less strain on the motor while cutting.
DEPT GUIDE
This feature allows you to precisely cut material at a specified depth.

- To use the depth guide, insert the guide as shown in figure 10 into the front slot on the guide block.
  - Adjust the length of the guide by pulling out or pushing inward to achieve the desired cut depth as shown in figure 11.
  - Secure the guide in place by turning the depth/cut adjustment knob clockwise. To release the guide turn the depth/cut adjustment knob counterclockwise.

CUT GUIDE
This feature allows you to more accurately track a marked cut line.

- To use the cut guide, insert the guide as shown in figure 12 into the slots on the left and right sides of the guide block.
  - Adjust the length of the guide by pulling out or pushing inward to achieve the desired length as shown in figure 13.
  - Secure the guide in place by turning the depth/cut adjustment knob clockwise. To release the guide turn the depth/cut adjustment knob counterclockwise.

SANDING

⚠️ WARNING: Fire hazard. When working on metal surfaces, do not use a vacuum cleaner because sparks are generated. Wear safety glasses and a dust mask. Due to the danger of fire, do not use your sander to sand magnesium surfaces. Do not use for wet sanding.

NOTE: Do not rest fingers on platen during use. Move it in long sweeping strokes across the surface, letting it do the work. Light pressure is all that is required for sanding. Excessive pressure will slow the tool and produce inferior results. Check your work often, product is capable of removing material rapidly. Excessive force will reduce the working efficiency and cause motor overload. Replacing the sanding sheet regularly will maintain optimum working efficiency.

NOTE: Always ensure the work piece is firmly held or clamped to prevent movement. Any movement of the material may affect the quality of the sanding finish.

HELPFUL HINTS

- Always ensure the work piece is firmly held or clamped to prevent movement. Any movement of the material may affect the quality of the cutting or sanding finish.
- Do not start sanding without having the sandpaper attached to sanding platen.
- Use coarse grit paper to sand rough surfaces, medium grit for smooth surfaces and fine grit for the finishing surfaces. If necessary, first make a test run on scrap material.
- Excessive force will reduce the working efficiency and cause motor overload. Replacing the accessory regularly will maintain optimum working efficiency.
- Do not allow the sandpaper to wear away, it will damage the sanding pad.
- If the tool overheats, especially when used at low speed, set the speed to maximum and run it with no load for 2-3 minutes to cool the motor. Avoid prolonged usage at very low speeds. Always keep the blade sharp.

MAINTENANCE

⚠️ CAUTION: Never use solvents or other harsh chemicals for cleaning the non-metallic parts of the tool. Use only mild soap and damp cloth to clean the tool. Never let any liquid get inside the tool; never immerse any part of the tool into a liquid.
## TROUBLESHOOTING

<table>
<thead>
<tr>
<th>Problem</th>
<th>Possible Cause</th>
<th>Possible Solution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit will not start.</td>
<td>Cord not plugged in.</td>
<td>Plug tool into a working outlet.</td>
</tr>
<tr>
<td></td>
<td>Circuit fuse is blown.</td>
<td>Replace circuit fuse. (If the product repeatedly causes the circuit fuse to blow, discontinue use immediately and have it serviced at a Porter Cable service center or authorized servicer.)</td>
</tr>
<tr>
<td></td>
<td>Circuit breaker is tripped.</td>
<td>Reset circuit breaker. (If the product repeatedly causes the circuit breaker to trip, discontinue use immediately and have it serviced at a Porter Cable service center or authorized servicer.)</td>
</tr>
<tr>
<td>Cord or switch is damaged.</td>
<td></td>
<td>Have cord or switch replaced at a Porter Cable Service Center or Authorized Servicer</td>
</tr>
</tbody>
</table>