HILTI RENTAL COMPANY POWDER TOOL TRAINING

▲ WARNING: Operating, servicing, and maintaining this equipment can expose you to chemicals including Silica, crystalline (airborne particles of respirable size) from concrete which are known to the State of California to cause cancer and birth defects or other reproductive harm. To minimize your exposure, avoid breathing dust. For more information go to www.P65warnings.ca.gov

WARNING: To reduce the likelihood of injury, always follow these instructions:

- 1. Never use the tool unless you have received proper instruction on its safe use.
- 2. Never point the tool at yourself or anyone else.
- 3. Never cock or depress the tool against your hand or any other part of your body.
- 4. The operator and all bystanders must wear eye protection meeting the requirements of ANSI Z87.1 and a hard hat while the tool is in use. Wear ear protection when working in confined areas.
- 5. Hold the tool perpendicular to the work surface when making a fastening this will reduce the possibility of any ricocheting off the work surface.
- 6. Use the stabilizer whenever possible (see tool operator's manual for details). This will help you keep the tool perpendicular to the work surface: and help restrain any free-flying materials.
- 7. Keep your arms flexed when operating tool (do not stiff arm). If you feel any pain or discomfort discontinue use.
- 8. When fastening into concrete, never fasten closer than 2" from the edge. Fastening too close to the edge not only can reduce the holding value but can also cause the concrete to split and the fastener to free-flight.
- 9. Never leave a loaded tool unattended. Always unload the tool before cleaning and servicing, storing at the end of the day before, work breaks and before changing parts.
- 10. Always inspect tool for proper operation before use. Inspect the tool to ensure the parts are in safe condition for use. Do not use a tool that is incomplete or does not operate properly.
- 11. Never attempt to pry a cartridge from the magazine clip or from the tool this can cause the cartridge to ignite.
- 12. Never fasten through an existing hole, except as recommended by Hilti. Misalignment with the existing hole could cause the fastener to shatter or ricochet.
- 13.If the cartridge fails to ignite when the tool is actuated:
 - Keep the tool pressed against the work surface for 30 seconds.
 - If the cartridge still does not ignite, withdraw the tool from the work surface, taking care that the tool is not pointed at anyone.
 - <u>For magazine tools:</u> advance the cartridge strip manually, and continue to use the remaining cartridge strip -
 - <u>For single-shot tools:</u> follow the instructions in the tool operator's manual. Once the magazine/cartridge is removed, dispose of it in such a way that it can neither be used again nor misused.

Keep the tool and cartridges locked in a container and in a safe place when not in use. Keep out of reach of children.

- 14. Make sure no one stands on the opposite side of the surface where fastenings are being made a fastener could through penetrate the surface and injure someone.
- 15.Do not make fastenings in an explosive or flammable atmosphere.
- 16. Never re-drive a fastener this could cause the fastener to shatter.
- 17. To help optimize performance of an installed fastener, always observe the following application guidelines. Multiple fasteners are recommended to increase the reliability of the attachment.

	Base Material >>	<u>Concrete</u>	<u>Steel</u>
•	Min. distance to free edge of base mater	ial: 2"	1/4"
•	Min. spacing between fasteners:	3"	1"
•	Min. base material thickness:	3x's fasteners penetration	1/8"
•	Recommended depth of penetration:	1"	1/2"

- 18.Make sure the base material is suitable for power actuated fastening. Materials that are too hard (e.g., welded steel, cast iron), too soft (e.g., wood, drywall), or too brittle (e.g., tile, glass), can cause the fastener to shatter or free-flight.
- 19. Always use genuine Hilti fasteners, cartridges, and spare parts.
- 20. Never exceed the recommended setting frequency (fastenings per hour) for tools which specify a limit the tool could overheat causing the cartridge to ignite. Do not disassemble the tool when it is hot you could be burned.
- 21. Always keep the operating instructions with the tool.

If you need assistance on any of the above, or have any questions regarding a Hilti product, contact Hilti at 1-800-879-8000.

PRACTICAL DEMONSTRATION POINTS

 Power Regulator 		
• Loading the pin into the	e tool	
_	lar to the work surface prior to firing the tool	
I have read and understand	d the instructions presented	
I have seen one of the follo	wing training mediums	
DX Training Video		
DX Training CD		
DX Training Flipcha	rt	
I have received my practical	al application demonstration	
I have been trained on the	Hilti tool (model)	
DXA41		
DX35		
DX350		
DX36M		
I have demonstrated the al	oility to correctly distinguish the colors for differ	ent booster power
levels		
A Tool Shed Inc.	Customer Company Name:	
mployee Name: Employee Name:		
Employee Sign:	Employee Sign:	
Date:		