

Appendix 23 Tools & Equipment

- 1. Tool & Equipment Requirements
- 2. Powder Actuated Tool Training Verification (English & Spanish)
- 3. Laser Training Verification (English & Spanish)



Tools & Equipment

1.0 Electrical Tools and Equipment

The following section applies to all portable and plug-connected tools and equipment and the electrical tools, equipment and systems to operate them.

1.1 Portable Tools and Equipment

The following general requirements apply to all portable and/or plug-connected tools and equipment:

- Where wet /damp conditions exist, tools and equipment should be GFCI protected (including double insulated tools).
- The non-current carrying metal parts of portable and/or plug-connected equipment should be grounded
- Portable tools and appliances protected by an approved system of double insulation, or its
 equivalent, need not be grounded; where such an approved system is employed, the equipment
 should be distinctly marked
- Each tool, cord and plug, and any equipment connected by cord and plug should be visually inspected before each day's use for external defects and indication of possible internal damage
- Tools and equipment found damaged or defective should be removed from service and not used until properly repaired
- Tools should not be carried by their power cord
- Electrical tools and equipment should not be used in hazardous locations without prior approval and issuance of the appropriate work permit (i.e. Confined Space, Energized Electrical Work, Hot Work, etc.) by DPR project management, additionally; tools used in hazardous environments should be intrinsically safe.
- All tools should be appropriate for the environment and hazards indicated
- All tools and equipment should be unplugged prior to performing any alteration, maintenance or servicing operation such as cleaning and changing blades, bits or accessories
- Appropriate guarding of all tools and equipment should be provided, maintained and used as per manufacturer's guidelines
- Where tools are used which present a "flying debris" hazard (grinding operations, chop saws, drilling overhead, chain saws, etc.), operators should use double eye protection, i.e., goggles and a face shield or a face shield with safety glasses; for additional guidelines on Personal Protective Equipment refer to the Personal Protection Equipment Appendix.

1.2 Extension Cords

- Only heavy duty, three-wire ground extension cords should be used with portable electric tools and appliances. All cords should conform to the type and configuration required by OSHA standards
- Minimum acceptable size of electrical cord is 12 gage, 3 wire, heavy duty
- Cords should be protected from damage by doors, equipment, traffic, chemicals etc.
- Cords should not be run down the middle of passageways, in stairwells and other paths of travel and a cord management program should be established on all projects
- Whenever possible, all cords and cables should be elevated above the floor/ground a minimum of seven feet (7'); when elevating cords and cables, non-conductive fasteners should be used
- Cords should be inspected daily before use for external defects such as deformed or missing pins
 or insulation damage and potential internal damage



 Damaged or defective equipment should be immediately removed from service, repaired and tested prior to being returned to service

1.3 Temporary Wiring

- The electrical subcontractor is responsible for the installation, maintenance and testing of all electrical system components supplying power for the project, including all grounding references
- All electrical work, installation and wire capacities should be in accordance with the pertinent provisions of the National Electrical Code, unless otherwise provided by applicable regulations, whichever is more stringent
- All temporary wiring should be effectively grounded in accordance with the National Electrical Code
- All switches should be enclosed and grounded
- Panel boards should have provisions for closing and locking the main switch and fuse box compartment
- Precautions should be taken to ensure that all open wiring is covered, secured and otherwise protected at all times
- All 120 volt 15- and 20-amp receptacle outlets on the site that are not part of the permanent wiring of the building should use ground fault circuit interrupters
- Cables passing through work areas should be covered or elevated to protect them from damage and to eliminate hazards to workers
- Suitable means should be provided for identifying all electrical equipment and circuits, especially when two or more voltages are used on the same job
- All circuits should be marked for the voltage and the area of service they provide
- The only electrical circuits and outlets that should be utilized for construction power are those
 designated by DPR project management; red outlets, which are on the essential power circuits, are
 never to be used for construction power

1.4 Illumination

Illumination should meet the following minimum requirements:

Foot-Candles	Areas of Operation
5	General construction area lighting.
3	General low activity construction areas, waste areas, inactive storage areas, parking and field maintenance areas.
5	Corridors, hallways, and exit ways.
10	General construction plant and shops (e.g. mechanical rooms, electrical equipment rooms, fab shops, active store rooms, indoor toilets and workrooms.)
30	First aid stations and offices.

1.5 Ground Fault Circuit Protection

Ground fault circuit protection is the preferred method on DPR projects. Ground fault circuit protection is required at all branch circuits throughout the length of the construction project. Ground fault circuit interrupters (GFCIs) should be inspected and tested prior to use and at minimum monthly for continuity and proper functioning. Where construction tools and/or equipment will be plugged



directly into "house" power, a GFCI adaptor should be used between the construction tool/equipment and "house" power.

In some cases an Assured Equipment Grounding Conductor Program may also be established on the construction site. An Assured Equipment Grounding Conductor Program will meet all federal, state and local requirements. For more information on the Assured Equipment Grounding Conductor Program refer to DPR Insight. This program will cover all cord sets, receptacles that are not part of the permanent wiring of the building or structure and equipment connected by cord and plug, which are available for use or used by all workers.

1.6 Fixed Equipment

- Exposed, non-current carrying, metal parts of fixed electrical equipment, including motors, generators, frames and tracks of electrically operated cranes, electrically driven machinery, etc., should be grounded at all times
- The path from circuits, equipment, structures, and conduits or enclosures to ground should:
 - o be permanent and continuous
 - o have ample carrying capacity to safely conduct the current likely to be imposed on it
- Ensure that for all grounding circuits there is low enough circuit resistance between the ground and the grounded power conductor to allow sufficient current flow to interrupt the fuse or circuit breaker

1.7 Saws and Table Saws

- Appropriate guarding of all saws should be provided and used
- Guards and other protective devices should not be removed or rendered ineffective or inoperable
- Power should be disconnected during all cleaning, maintenance or servicing of the saw, e.g., changing the blade, cleaning, oiling etc.
- Ensure that the blade is properly rated and sized for the material being cut
- Ensure that the blade is sharp
- Ensure that two hands are utilized at all times
- Ensure push sticks are used
- Ensure that appropriate work benches, saw horses or areas are used for cutting operations;
 material should not be cut off the foot
- Ensure that material is adequately secured prior to cutting
- Ensure that appropriate guarding or barriers are used to guard against flying debris
- Cut resistant trousers or chaps should be worn when using a chain saw
- Chain saws should not be used without kickback protection on the chain

1.8 Grinders

- Use and inspection of wheel and equipment should follow manufacturer's guidelines
- Appropriate guards of all grinders should be provided and used
- Guards and other protective devices should not be removed or rendered ineffective or inoperable
- Power should be disconnected during all cleaning, maintenance or servicing of the grinder, e.g., changing the wheel, cleaning, etc.
- Ensure that the wheel is properly rated and sized for the tool and material being cut or ground



- Ensure that material is adequately secured prior to grinding or cutting
- Ensure that two hands are utilized at all times

1.9 Drills, Screwguns and Impact Guns

- Ensure bits and sockets are inspected and replaced routinely
- Ensure tools are not forced beyond capacity
- Ensure bits are sharp and the appropriate bit is selected for the task
- Appropriate protective measures should be taken to protect against flying debris for overhead operations
- Ensure tools and material are adequately secured

1.10 Woodworking Machinery

All fixed, power driven woodworking tools should be provided with a disconnect switch that can be either locked or tagged in the off position.

2.0 Pneumatic Tools

The following general requirements apply to all pneumatic or air powered tools on a DPR project:

- All pneumatic tools should be secured to the hose in a positive manner to prevent accidental disconnection; all other hose connections should be secured to prevent accidental disconnection.
- All air tools should be disconnected prior to altering, performing maintenance, cleaning, servicing, changing bits or accessories, etc.
- Install and maintain safety clips or retainers on pneumatic impact tools to prevent attachments from being accidentally disconnected
- All hoses and pneumatic equipment should be inspected regularly and before each use
- All damaged hoses and pneumatic equipment should be removed from service and repaired to prevent failure
- All hoses exceeding 1/2 inch inside diameter require safety devices at the source of supply to reduce pressure in case of hose failure
- Hoses should be protected from damage by doors, equipment, traffic, chemicals etc.
- Hoses should not be run down the middle of passageways, in stairwells and other paths of travel and a hose control program shall be established on all projects
- Compressed air used for cleaning purposes should not exceed 30 psi, and then only in conjunction with effective chip guarding and personal protective equipment; exceptions to 30 psi are allowed only for concrete form, mill scale and similar cleaning operations
- When using compressed air (or water) in cleaning operations or other operations which present "flying debris" hazards (blowing off pan decks, power washing etc.), operators should use double eye protection, e.g., goggles or a face shield with safety glasses
- The use of compressed air to clean yourself or other workers is not permitted

3.0 Hand Tools

3.1 General Requirements

Only appropriate tools should be used for the job



- Appropriate personal protective equipment should be used at all times; refer to the Personal Protective Equipment Appendix for further guidelines
- Individuals should inspect hand tools prior to use
- Faulty or damaged tools should be removed from the site immediately
- Impact tools should be maintained free of mushroomed heads
- Proper body positioning and ergonomics should be maintained at all times
- Wooden tool handles should be kept free of splinters or cracks
- Tools should be routinely inspected to assure a tight connection between the tool head and the handle
- Wheelbarrows should not be pushed with handles in an upright position
- Wheelbarrows should have manageable loads and tires properly inflated at all times
- Pointed tools, such as chisels and screwdrivers, should never be carried point-up in any pocket, nor should they be carried point-down in a front pocket; they should be hand carried with the sharp edge or point away from the body, in a toolbox, bag, pouch or special tool belt
- Tools should never be carried in a way that interferes with a worker's ability to use both hands
 while climbing a ladder or structure; tools should be raised or lowered by rope, using a bucket if
 necessary
- Tools should not be dropped, thrown or tossed to one another; they should be handed off carefully
- Refer to the Trenching & Excavation Appendix for further guidelines regarding hand tools and hand digging around utilities and services.

3.2 Specific Requirements

3.2.1 Axes/Mattock

- Axes should be carried with their sheaths or guards in place, or at one's side with the handle up and shank in the palm of the hand
- Ensure that the head is securely fastened to the handle
- Ensure the handle is free of cracks and splinters
- Ensure that the blade is sharp
- Ensure the axe is the proper weight and size for the task
- Aim downswing of axe/mattock in a safe manner so as not to impact body

3.2.2 Chisels

- Use the right size chisel for the job and a hammer of the appropriate weight
- Ensure that chisels are sharp
- Chisels that have begun to mushroom should be ground to avoid the danger of flying chips

3.2.3 Crowbars

- Do not use substitutes such as pipes, iron bars or lumber to pry or fulcrum material
- Ensure that the appropriate size of crowbar is used
- Ensure that all body parts are out of pinch points and impact zones

3.2.4 Files

- A file should never be cleaned by striking it against a metal object
- Files should be equipped with handles
- Files should not be used to punch or pry



3.2.5 Knives

- Knives should be kept sharp to avoid the use of excessive force
- Knives should always be carried with the blade away from the body
- Knives are not to be used as screw drivers, pry bars or picks
- Sheathed knives should be carried above the hip or in back, never in front
- The use of pocket knives, Leatherman knives or other multi-tools is prohibited

3.2.6 Sledges and Hammers

- Hammers should be replaced when the hammerhead begins to mushroom
- Hammers should only be swung only as hard as is necessary and safe
- Hit the target straight on, never at an angle
- A hammer should never be used to strike another hammer; a soft mallet should be used instead to prevent chipping
- Inspect all handles for cracks, splinters and looseness
- Claw-hammers whose handles are not designed for continuous pulling should not be used for prying. Use a nail puller, 'cats claw' or prybar for this work
- Sledges and hammers should be sized for the user

3.2.7 Shovels

- Proper lifting techniques should be utilized when using a shovel
- Twisting the spine should be avoided; the legs, rather than the arms, shoulders and back should be used
- Use the ball of the foot instead of the arch to push the shovel
- Inspect shovels for cracked, splintered or otherwise damaged handles
- Ensure shovels are sharp to avoid excessive force being applied
- Ensure the right type of shovel is used for the task

3.2.8 Wire and Bolt Cutters

- Use the proper cutter for the job and ensure that the cutter's capacity rating is not exceeded
- Do not "rock" cutters
- Cutters should never be used as pry bars or nail pullers
- Cutters should have insulated grips and no wiring or conduit should be cut unless indicated safe to do so by an experienced competent person
- Where the potential for contacting live electrical lines, tools must be insulated for the potential voltage, or appropriately insulated gloves should be worn

3.2.9 Wrenches

- Wrenches should not be used when jaws are sprung to the point that slippage occurs
- Wrenches should not be altered by the addition of handle-extensions or "cheaters"
- Pipe or Stillson wrenches should not be used as a substitute for other wrenches

3.2.10 Drywall Finishing Tools

 Ensure bazooka tubes and taping boxes are not overloaded and the appropriate size is used for the task



- Ensure tools are cleaned and maintained at all times, and adequate measures are taken to ensure floors and walkways remain clear of spills and slippery conditions
- Ensure vacuums on dust collection systems are appropriately grounded

4.0 Powder Actuated Tools

The following general requirements apply to all powder actuated tools:

- Only trained employees should operate powder-actuated tools
- Operators of powder-actuated tools should be trained in safe operation, specific to the tool being used
- All powder-actuated tools should be inspected daily before use; damaged or defective equipment should be removed from service and repaired prior to use
- Tools should not be loaded until immediately before use
- · Loaded tools should not be left unattended
- Loads should be kept in separate and secure containers labeled "EXPLOSIVES Authorized Personnel Only"
- Spent loads and misfires should be placed in water containment for at least 24 hours prior to disposal
- Signs should be posted in areas where powder-actuated tools are in use
- In the event of misfires, the tool should be held against the work surface for 30 seconds before attempting another shot
- Ensure that all people within 25' of the operation are wearing appropriate eye protection

5.0 Lasers

The following general requirements apply to all lasers used:

- Only trained employees are allowed to operate lasers
- Employees should wear proper eye protection where there is a potential exposure to laser light greater than 0.005 watts (5 milliwatts)
- Beam shutters or caps should be utilized, or the laser turned off when laser transmission is not actually required
- Lasers should be turned off if they are to be left unattended for a substantial period of time
- All attempts should be made to set up lasers at a height sufficient to reduce exposure to other works in the area
- Signs should be posted in areas where lasers are in use



Powder Actuated Tools Training Verification Archive Document - DO NOT DISCARD

Name:			Date:	
Jobsite:			Company:	
Equ	ipment	Manufacturer(s)		
,	,	Model(s)		
Tra	nining			
			of powder actuated tools should be permitted to utilize this equipment. using the equipment, and be specific to the equipment to be used.	
	E & Signa Operators	_	approved eye protection; some manufacturers recommend the use of safety	
	Operators	protect eyes from flying part and bystanders should wear	cicles. hearing protection when using or in the general vicinity of powder actuated	
		_	th prolonged use and consideration should be given to tight confines and tool	
		relates to hand protection. gnage should be used in the	work area to notify others of powder actuated tools in use.	
Tod	ol Inspect	ion:		
	Tools shou		shield, guard or attachment recommended by the manufacturer. Id be removed from service and repaired prior to use.	
Ge	neral Use	Guidelines:		
	Tools shou	ld not be loaded until immed	diately before use.	
	Tools shou	ld not be altered or changed	l.	
	-		ers, loads and tool parts should be used.	
			aded with a load or fastener prior to handling.	
	Never plac		front of the muzzle, as the piston and/or fastener may pass through the	
_	•	body in the event of acciden		
	Do not clos	_	es. Tool should be manually closed, with hand away from muzzle end to prevent	
	Always hole	nal discharge. d tool perpendicular to work r bystander.	surface to limit the possibility of a fastener bouncing off the surface and striking	
	•	,	fastening after the tool has been loaded, always remove the load first, then the	
		powder actuated tools in an	explosive or flammable atmosphere.	
		-	left unattended, and must remain locked in a toolcase or toolbox when not in	
		·	secure containers labeled "EXPLOSIVES - Authorized Personnel Only".	
Tes		ngs & Material Compati		
	Test faster	nings should be made with th	ne lightest load level designed for use in the tool. If the lightest load does not	

fastening.

overpowered fastener fully penetrating your work, thereby injury someone.

set the fastener, try the next highest load level until the proper level is attained. This will eliminate the possibility of an

Perform the center punch test if you are unsure of your fastening material. This will ensure the work can contain your



	Tool should not be fired within three inches (3") of the edge of a concrete base material or within one-half inch (1/2") in steel. Do not attempt a fastening application closer to another previously inserted fastener, i.e., 3" in concrete, 1/2" in steel. (Refer to operator's manual for guidance.) Do not fasten into a concrete base material less than 3 times as thick as the fastener penetration unless otherwise permitted and never fasten into steel base material thinner than the fastener shank. Do not fasten into cast iron, tile, glass or other brittle materials. Do not fasten through pre-drilled holes. Do not fasten into a spalled area as fastener may bend and bounce off the spall and strike operator or bystander. Place fastener at least 3 inches away from spalled areas.
Mi	ss Fires
	In the event a load fails to discharge, the tool should be depressed for at least 30 seconds to ensure protection to operator or bystander in the event of a delayed load discharge; then the load should be removed, placed in water for 24 hours and disposed.
	Jammed, stuck or broken tools should not be unloaded or disassembled; improper handling may cause it to discharge, striking operator or bystander.
	Point the jammed tool in a safe direction; tag and lock up the tool and call your equipment vendor/supplier for assistance.
	s document hereby certifies that I have been instructed on the items listed above and I have had an cortunity to ask questions. I fully understand the DPR requirements for the use of powder actuated tools.
	Signature of employee Signature of person conducting verification review
	A serve of this forms should be found to the DDD vertices of SECOND TO CTART OF WORK

A copy of this form should be faxed to the DPR regional office PRIOR TO START OF WORK.



Verificación de la capacitación en herramientas accionadas por cartucho de pólvora Documento de archivo – NO DESECHAR

Nombre:		Fecha:	
Lug	gar de la obra:	Compania:	
Eau	uipo Fabricante(s)		
,-	Modelo(s)		
En	ntrenamiento		
	Solo se debe permitir que el personal ent pólvora utilice este equipo.	renado en el uso seguro de las herramientas accionadas por cartucho de	
		usar el equipo y ser specifico al equipo usado	
Εa	quipo de protección personal y señal	lización	
_		usar protección para los ojos aprobada. Algunos fabricantes recomiendan el	
		usar protección para los oídos cuando usen o se encuentren cerca de	
	Se deben usar guantes contra la vibración	n en caso de uso prolongado y se debe prestar especial consideración a los o de la herramienta en lo que se refiere a la protección de las manos	
	-	el área de trabajo para notificar a los demás que se están usando	
Ins	spección de las herramientas:		
	· · · · · · · · · · · · · · · · · · ·	antes de su uso. rotección, barrera o accesorio adecuados recomendados por el fabricante. ado o defectuoso y repararlo antes de usarlo.	
Gu	uías generales de uso:		
	No se deben cargar las armas hasta justo		
	No se deben alterar o cambiar las herram		
		partes de las herramientas compatibles con las del fabricante. ada total o parcialmente con una carga o con un sujetador antes de	
П	No dispare una herramienta sin sujetador	res.	
	_	cuerpo en frente del orificio, ya que el pistón y/o un sujetador puede atravesa	
	Apunte la herramienta en sentido seguro	·	
		cie de trabajo. La herramienta debe cerrarse con la mano lejos del orificio	
_	para evitar que se dispare por accidente.		
		ndicular a la superficie de trabajo para limitar la posibilidad de que un	
	sujetador rebote en la superficie y golpee	a un operador o espectador. después de haber cargado la herramienta, primero siempre quite la carga,	
_	luego el sujetador.	despues de habel calgado la herramienta, primero siempre quite la calga,	
	<u> </u>	cartucho de pólvora en una atmósfera explosiva o inflamable.	
	No se deben dejar las herramientas carga		
	Los instrumentos y los disparos cargados caja de herramientas cuando no en uso.	no deben ser dejados desatendido, y deben quedarse encerró un toolcase o	
	Las cargas se deben guardar en recipiente	es separados y seguros rotulados "EXPLOSIVOS – Solo personal autorizado". car en agua durante 24 horas antes de desecharlas.	



Pru	ıeba de sujetadores y compatibilidad del material:
	Los sujetadores se deben probar con el menor nivel de carga diseñado para el uso en la herramienta. Si la carga más liviana no fija el sujetador, pruebe con la carga que le sigue en nivel hasta que se obtenga el nivel correcto. Esto eliminará la posibilidad de que un sujetador sobrecargado penetre por completo en la obra y lastime a alguien.
	Realice la prueba del punzón de perforar si no está seguro del material del sujetador. De esta manera se asegurará que la obra pueda contener el sujetador.
	No se debe accionar la herramienta dentro de las tres pulgadas (3") del borde de un material de concreto o dentro de la pulgada y media (1/2") de material de acero. No intente fijar un sujetador cerca de otro sujetador insertado previamente, es decir, 3" en concreto, 1/2" en acero. (Consulte el manual del operador si desea una guía).
	No fije el sujetador en un material de concreto de menos de 3 veces el grosor de la penetración del sujetador, salvo que se permita lo contrario y nunca fije el sujetador en material de base de acero que sea más delgado que la espiga del sujetador.
	No fije en hierro fundido, losas, vidrio u otros materiales quebradizos.
	No fije a través de orificios pre-taladrados.
	No fije en un área fragmentada ya que el sujetador puede doblarse y rebotar del fragmento y golpear a un operador o espectador. Coloque el sujetador al menos a 3 pulgadas de las áreas fragmentadas.
Cu	asi disparos
	Si el disparo de la carga falla, se debe mantener la herramienta presionada durante al menos 30 segundos para protección del operador o espectador en el caso de una descarga demorada, luego quite la carga y colóquela en agua durante 24 horas antes de desecharla.
	Las herramientas atascadas, trabadas o rotas no se deben descargar o desarmar. El manejo indebido puede hacer que se dispare y lastime a un operador o espectador.
	Apunte la herramienta atascada en un sentido seguro, rotule y guarde la herramienta bajo llave y pida ayuda al proveedor/distribuidor del equipo.
que	e documento por el presente certifica que he recibido instrucción sobre los puntos listados anteriormente y e he tenido oportunidad de formular preguntas. Entiendo en forma cabal los requisitos de DPR con respecto

Se debe enviar por fax una copia de este formulario a la oficina regional de DPR ANTES DE COMENZAR EL TRABAJO.

Firma de la persona que realiza la verificación del repaso

Firma del empleado



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Manufacturer(s) Model(s)	
	Capacity(s)
Model(s)	Capacity(s)
	e of lasers should be permitted to utilize this equipment. o using the equipment, and be specific to the equipment to be used.
and bystanders should wea	ar approved eye protection; avoid direct eye exposure ne work area to notify others that a laser is in use.
ald be inspected prior to us ald be used with the correc	e. t shield, guard or attachment recommended by the manufacturer. ould be removed from service and repaired prior to use.
ald not be altered or chang a laser in an explosive or fould not be left unattended he specifically designed bar lasers out of reach from ur e optical tools i.e. telescop ce the laser in a position was aser off when it is not being	ilammable atmosphere. tteries ntrained persons es, transits to view the laser beam which may allow someone to intentionally or unintentionally stare at the
=	re been instructed on the items listed above and I have had an erstand the DPR requirements for the use of lasers.
	age and bystanders should were gnage should be used in the tion: ald be inspected prior to use ald be used with the correct or defective equipment should not be altered or change a laser in an explosive or fould not be left unattended the specifically designed bateliasers out of reach from under the laser in a position was assemble or attempt to report the laser of t



Verificación de Capacitación en el uso de Láser

Documento para archivo – NO DESECHAR			
Nombre:	Fecha:		
Sitio:	Compañía:		
Equipo: Fabricante(s)			
Modelo(s)	Capacidad(es)		
Capacitación			
• Sólo el personal capacitado en e	el uso seguro del láser estará autorizado para utilizar este equipo. I antes de usar el equipo, la que deberá referirse específicamente al equipo que se		
Equipo de Protección Personal	l y Señalización		
	eben usar protección para los ojos y evitar la exposición directa a los ojos dvertencia en el área de trabajo para notificar a los demás que se está usando un		
Inspección de Herramientas:			
 Se deben inspeccionar las herra Se deben usar las herramientas fabricante. 	amientas antes de usarlas. con la protección, barrera o accesorio correcto, según las recomendaciones del		
Se deben retirar de servicio los o	equipos dañados o defectuosos y repararlos antes de usarlos.		
Pautas Generales de Uso:			
No altere ni cambie un láser.			
Nunca use un láser en una atmo	ósfera explosiva o inflamable.		
No deje el láser sin supervisión.Use solamente las baterías dise	ñadas específicamente		
	en uso fuera del alcance de las personas no capacitadas en su uso.		
=	omo telescopios, tránsitos para ver el rayo de láser.		
	ción que pueda permitir que alguien, intencional o inadvertidamente, mire el rayo de		
• Apague el láser cuando no esté			
No desarme ni intente reparar u	n láser.		
	recibido instrucción sobre los puntos enumerados arriba y he tenido s. Entiendo completamente los requisitos de DPR para el uso del láser.		
Firma del empleado	Firma de la persona encargada de la verificación		

Enviar por fax una copia de este formulario a la oficina regional de DPR ANTES DE COMENZAR A TRABAJAR.