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## Safety Guidelines for GS-Series Pinsetters

As with all machinery, a certain amount of risk is involved in working on the GS Certified Pre-Owned Pinsetter. However, if the necessary care, knowledge and responsibility are exercised, damage to the pinsetter and people involved in accidents can be avoided. The following steps should be taken:

1. ONLY PROPERLY TRAINED, OR CLOSELY SUPERVISED, PEOPLE SHOULD WORK ON OR OPERATE THE PINSETTER.
2. Always use the correct tools for the job.
3. Suitable clothing should be worn (for example: rubber-soled shoes). Do not wear loose clothing such as neckties and smocks that could get caught in moving parts. Remove rings, watches, and bracelets to avoid damage to hands.
4. Poisonous or toxic cleaners must not be used.
5. Fire extinguishers must be on hand and maintained properly. Keep oily rags in a fire proof container.
6. Care should be taken while near the front of the machine. If it is turned on, you may accidentally trigger the photocell with your foot or hand which will cycle the pinsetter.
7. When working on one pinsetter, turn off either the rear mechanic's switch mounted on the pin elevator or toggle the stop/run switch on the Nexgen box to the stop position. If more than one person is working on the machines, turn off both switches to prevent one person from turning on the pinsetter before the other person says he/she is clear of the pinsetter.
8. When working on both machines of a lane pair (for example - an electronic control box or the ball accelerator) power must be turned off at the Nexgen Box and the input power cable must be removed from the box.
9. The sweep board should always be lowered when working on the pinsetter or the ball accelerator.
10. Prior to performing service work underneath the setting table, set a jack stand or suitable support under the center of the table.
11. Reinstall all the machine guards and the ladder after any troubleshooting or maintenance work has been done on the pinsetter(s) or ball accelerator.
12. If more than one person is working on a machine, be sure the other person is CLEAR before restarting the machine.
13. When working in the pinsetter area while machines are in operation, ear protection should be worn. Sound levels of 83db can be experienced within 1.6 meters of operating machines.

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