

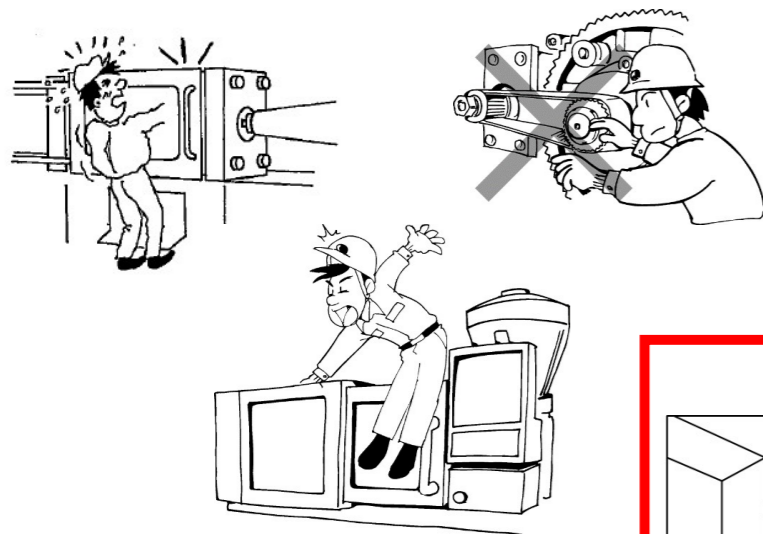


Dangerous work of Injection Molding Machine

There are many hazards in daily operations such as pre-operational inspection of injection molding machines and mold changing that can threaten your safety if you are not careful. We would be grateful if you would pay attention to the points shown in the following diagram and make use of this paper for your daily KY(hazard prediction) so that you can work safety every day.

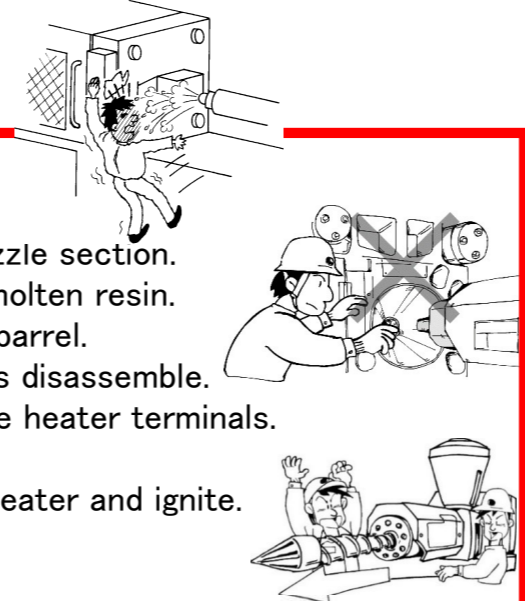
Mold Clamping

- Caught between timing belt and pulley.
- Caught up in the mold thickness adjustment chain.
- Caught in the mold clamping unit.
- Burn hazard contact with high temperature mold.
- Dropping when removing and installing the cover.



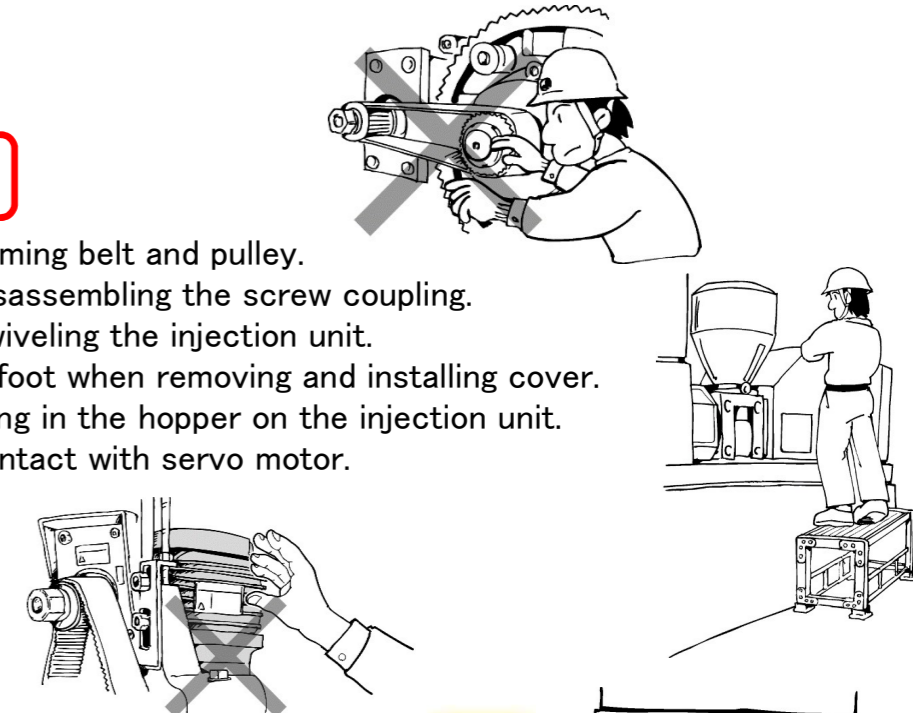
Screw cylinder

- Caught in hazard by the nozzle section.
- Burn hazard by scattering molten resin.
- Burn hazard by the heated barrel.
- Burn hazard during SC parts disassemble.
- Electric shock hazard by the heater terminals.
- Breathe in toxic gases.
- Molten resin scattering to heater and ignite.



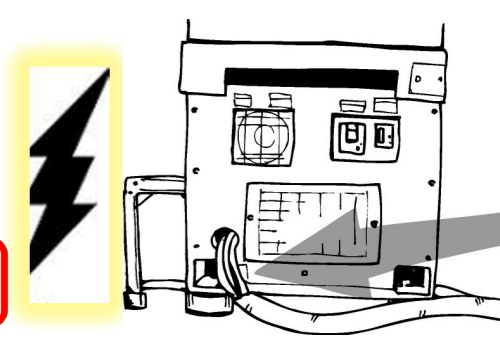
Injection

- Caught between timing belt and pulley.
- Caught in when disassembling the screw coupling.
- Caught in when swiveling the injection unit.
- Fall on hands and foot when removing and installing cover.
- Falling when working in the hopper on the injection unit.
- Burn hazard by contact with servo motor.



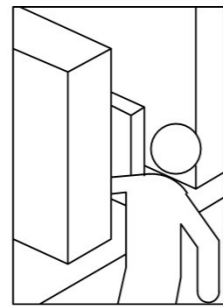
Electric

- Electric shock hazard by touch.
- Short-circuit spark injure your eyes.
- Electric shock hazard by poor grounding.
- Falling when removing and installing cover.

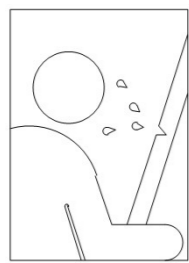


Ejector

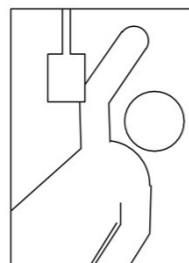
- Caught between timing belt and pulley.
- Caught finger between ejector plates.
- Fall on hands and foot when removing and installing the ejector rods.



Others



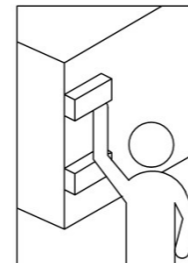
Hydraulic fluid scattering from hydraulic equipment and hoses.



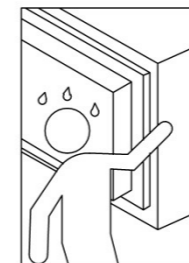
Contact with takeout robot arm.



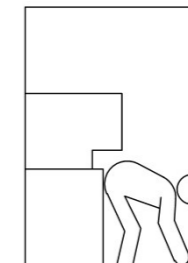
Caught in the hose and fall over.



Finger caught in automatic clamber.



Molten resin scattering from valve gate.



Contact with mold stepup truck.

