

## 사출성형기 작업안전

1. 비상정지버튼, 리미트 스위치 등 안전장치 이상유무 확인
2. 유압호스 파열 등 호스상태 확인
3. 실린더 전원충전부 절연상태 확인
4. 고온부 방호장치(실린더 커버 등) 설치상태 확인
5. 노즐부 용융물 방출 방지 가드 설치상태 확인
6. 가동 시 측면 안전도어 개방 금지
7. 금형 교체, 점검, 수리 등 작업시 주전원 차단 및 잔압 제거, 플레이트 전진 방지조치 실시

## Safety Instruction on Injection Molder

1. Check the safety device, such as emergency stop button, limit switch and others
2. Check the hose condition, such as break in hydraulic hose and others
3. Check the insulation condition for the power recharge part of the cylinder
4. Check the installation condition for high temperature protection device (cylinder cover and others)
5. Check the installation condition for discharge preventing guard of melted material in the nozzle part
6. No opening of side safety door at the time of operation
7. When undertaking metal mold replacement, inspection, repairing, and others, make sure to cut off the main power, remove residue voltage, plate forwarding preventing work

## **AN TOÀN KHI LÀM VIỆC VỚI KHUÔN ĐÚC PHUN ÉP**

1. Kiểm tra xem các thiết bị an toàn như nút ngừng bất thường, công tắc giới hạn (limit switch) v.v có gì bất thường không
2. Kiểm tra tình trạng ống như xem ống thủy lực có bị vỡ hay không
3. Kiểm tra tình trạng cắt điện như bộ phận sạc điện của xilanh
4. Kiểm tra tình trạng lắp đặt thiết bị bảo vệ của bộ phận có nhiệt độ cao (như vỏ xi lanh)
5. Kiểm tra tình trạng lắp đặt lớp chắn phụt vật liệu đã tan từ miệng vòi phun
6. Khi hoạt động cầm mờ cửa an toàn mặt bên
7. Khi làm việc như thay khuôn, kiểm tra, phải ngắt nguồn điện chính và bỏ hết hoàn toàn áp lực dư, thực hiện biện pháp phòng chống chấn thương tiếp plate

## **ความปลอดภัยในการทำงานเครื่องฉีด**

1. เช็คปุ่มการหยุดฉุกเฉิน ปุ่มลิมิตเต็ต
2. เช็คสถานการท่อ เช่น การแตกของท่อ
3. เช็คสถานการปิดและเปิดของระบบอกรสูบ
4. เช็คสถานการติดตั้งอุปกรณ์ป้องกันความร้อน (ที่ปิดและเปิดของระบบอกรสูบ)
5. เช็คสถานการติดตั้งสิ่งที่ป้องกันวัตถุดินออกจากส่วนหัว
6. ห้ามเปิดประตูเพื่อความปลอดภัยที่ติดข้างๆ ตอนทำงาน
7. กำจัดความดันที่เหลือและตัดไฟตอนที่ทำ การเปลี่ยนวัตถุดิน การตรวจ การซ้อม ต้องติดตั้งสิ่งที่ป้องกันเครื่องเลื่อน