

HAAS CNC Lathe Checklist

Before Starting:

Follow shop safety guidelines

Check Below

- 1.) Check all drawings for mentors approval.
 - A.) Check for feed/speed rates on charts.
 - B.) Check necessary operations.

- 2.) Collect tools and stock material.
 - A.) check tools for sharpness and damage.
Note: This can be done by testing on scrap material.
 - B.) Verify that appropriate tools and stock material are being used.

- 3.) Turn on machine and press "power up restart" button.

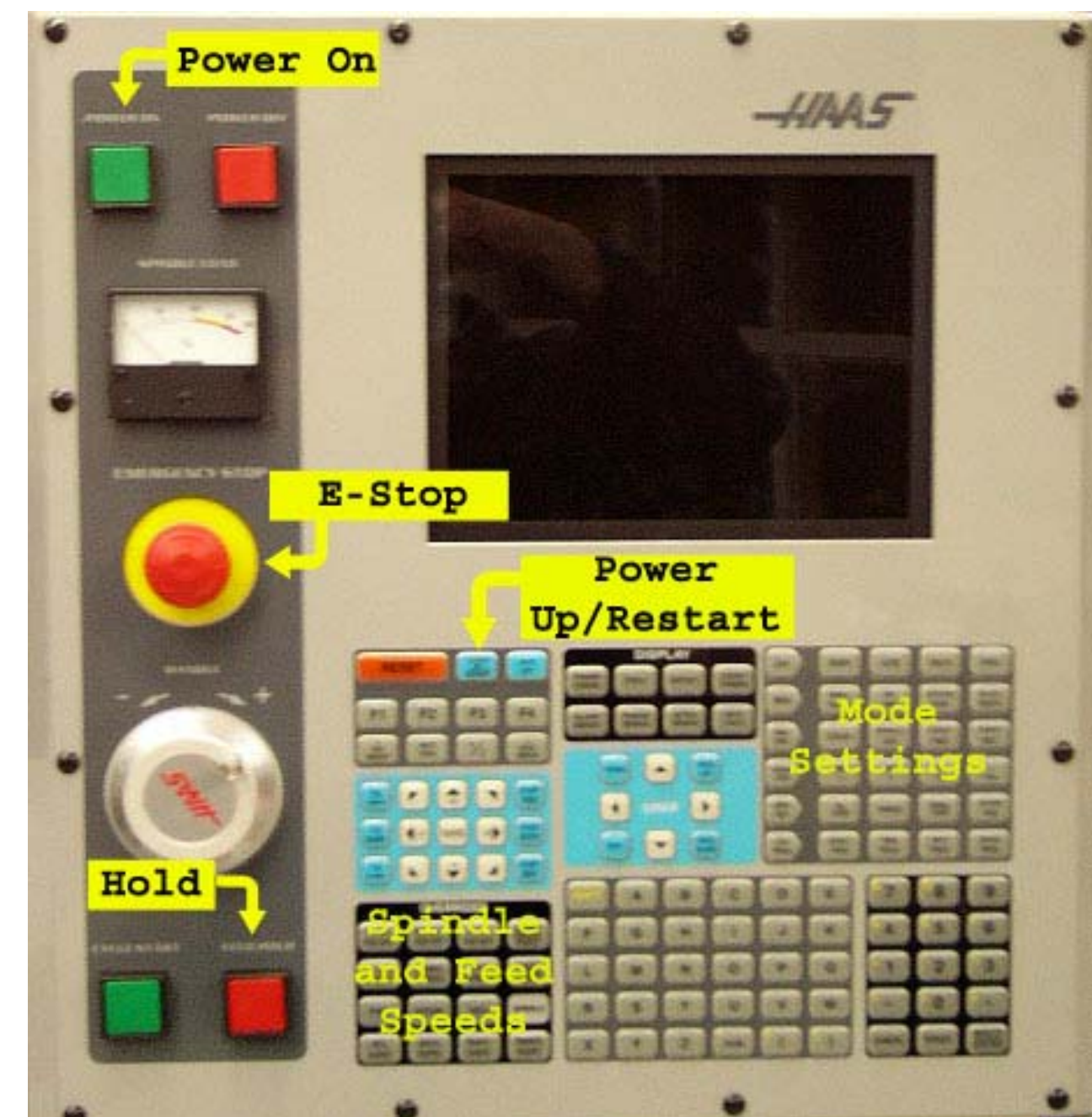
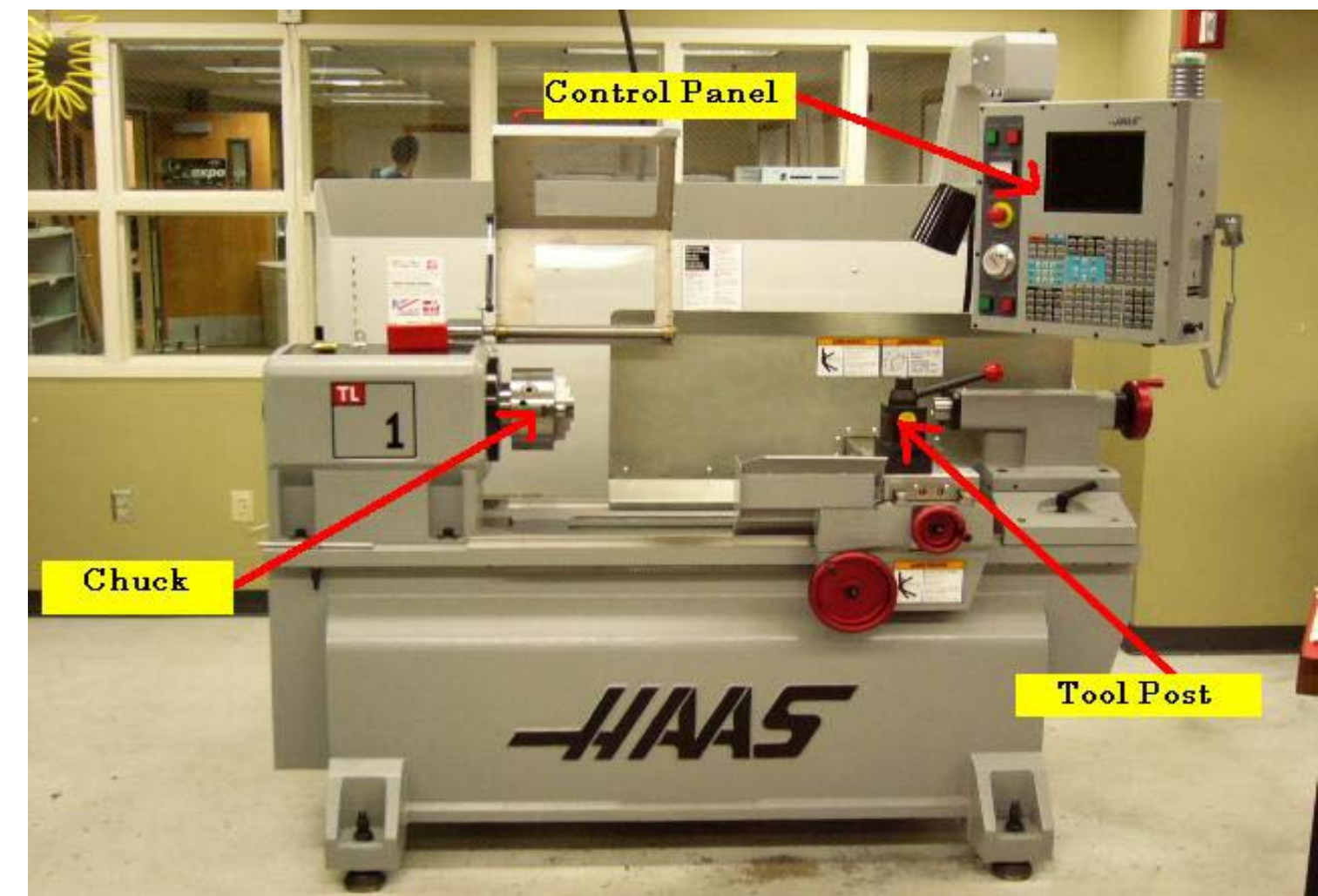
- 4.) Set up necessary tools and fixtures.
 - A.) check for tool to align with center of scrap material.
 - B.) Set tools in fixtures and mount on tool post.
Caution: Handle tools carefully, some are brittle to impact.

- 5.) Prepare stock material and set in chuck.
Caution: make sure that work area does not require tool to come too close to chuck in operation

Caution: make sure chuck key is removed from chuck before turning spindle on.

- 6.) Set part X zero and Z zero locations. (if not using canned cycles)
 - A.) X zero found by touching tool on part's outer diameter while spindle is turning.
Note: if not done while turning may damage brittle tools

- 7.) Set Lathe operation mode (i.e. manual, program, canned cycles)
 - A.) Close hood during cutting operations
 - B.) Set rapid movement to reasonable speed
 - C.) Be ready with red hold button on panel to halt operation
Note: Emergency stop button in case of problems



See Operation Manual for further instructions