

**Standard Operating Procedure: Doosan Lynx 220LYC Lathe**

***1. Purpose***

Machine start-up procedure for safe operation of the Doosan lathe.

***2. Prerequisites***

Read associated Risk Assessment prior to using Equipment.

Schuster\_Workshop\_Doosan\_Lynx\_CNC\_Lathe

***3. Responsibilities***

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***4. Procedure***

*Start-up*

1. Switch on isolator at rear of machine.
2. Release E-Stop button on main control panel.
3. Press CNC controller ‘Power On’ button.
4. Wait for software to load.
5. Press machine ready button to power up the hydraulics.
6. Close machine door.
7. Press reference button and reference each axis X,Y, Z in the order listed.
8. Machine is now ready to run.

*Powering Down*

1. Press E-stop button.
2. Power off CNC controller
3. Switch of at isolator.

The machine is a very complex piece of kit and these instructions are merely a guide to powering up and shutting it down in a safe manner. Competent users of the machine will have attended specific training prior to, or during, use of the lathe.

***5. Definitions***

Explain any acronyms used in the SOP (Standard Operating Procedure).

E-Stop. Emergency Stop button.