









## WARNING

- Before operating the MSR-Series Sigma 5 Positioner, check that servo power is turned OFF by pressing the EMERGENCY STOP button on the operator station or Programming Pendant (refer to *Figure 1*). When servo power is turned OFF, the SERVO ON LED on the Programming Pendant is turned OFF.

Injury or damage to machinery may result if the Emergency Stop button cannot stop the positioner during an emergency. The positioner should not be used if the EMERGENCY STOP buttons do not function.

*Figure 1: EMERGENCY STOP Button*



- Release the EMERGENCY STOP button (refer to *Figure 2*). Once this button is released, clear the cell of all items which could interfere with the operation of the positioner then, turn servo power ON.

Injury may result from unintentional or unexpected positioner motion.

*Figure 2 : Release of EMERGENCY STOP Button*



- Observe the following precautions when performing teaching operations within the working envelope of the positioner:
  - View the positioner from the front whenever possible.
  - Always follow the predetermined operating procedure.
  - Ensure that there is a safe place to retreat to in case of emergency.

Improper or unintended manipulator operation may result in injury.

- Confirm that no person is present in the working envelope of the positioner and that you are in a safe location before:
  - Turning on the power for the DX100 controller.
  - Moving the positioner with the Programming Pendant.
  - Running the system in the check mode.
  - Performing automatic operations.

Injury may result if anyone enters the working envelope of the positioner during operation. Always press an EMERGENCY STOP button immediately if there is a problem. The EMERGENCY STOP buttons are located on the operator station and on the Programming Pendant.























































































