



Operating Procedure **BL-27100**

Start Up

1. Install the Hanging Hoist Mount, ZGS-12613-1 using the pins and retaining pins
2. Install the hoist on mount using the pins and retaining pins
3. Raise mount into position, install pins in load cells, lower chain hoist to apply the load to the lead cells
4. Clean hydraulic fittings thoroughly
5. Attach hydraulic lines, **(Caution) Insure the return line QD is mated completely!**
Failure of the heat exchanger will result if the return line QD is not fully engaged
6. Attach Electrical harness connector
7. If the fan is to be tested attach the 400Hz power cable to the receptacle
8. If the fan is to be tested , turn on the 3 phase 400 hz power switch
9. Position the Zephyr RHGSE under hoist
10. Activate the hoist select switch on the motor starter panel to select the BL-27100
11. Pull out E-Stop button to turn on power
12. Press Pump Start button to start the hydraulic pump
13. Turn the Pressure switch to on, approx 3000 psi pressure should develop on the pressure gage
14. Turn the Power switch on the control box to on, the load indicator should illuminate
15. Activate the hoist select switch on the control box to select the BL-27100 hoist
16. Press the Tare button on the load display to zero out the load with no load on the cable
17. Operate the hoist using the pendant, pilot override or backup power control, **(Caution)**
Using the backup power control overrides the limit switches in the hoist
18. Attach the rescue hoist cable to the Zephyr RHGSE and operate the hoist in the down direction
19. Follow the operating instructions for the Zephyr RHGSE while running the hoist



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Shut Down

1. Disconnect the rescue hoist cable from the Zephyr RHGSE
2. Retract the cable to full in and insure the full up limit switch activates and the bumper compresses properly
3. Turn off the Power switch on control box
4. Turn the pressure switch to off
5. Push in E-stop button
6. Press the 3 phase 400 hz power switch to off
7. Detach the electrical harness
8. Detach the hydraulic lines
9. Raise rescue hoist mount with the chain hoist and remove the pins
10. Lower the hoist to the lowest position
11. Remove the hoist and arm from hoist mount