Loss of Pressure

In the event that the system is no longer pressurized, the division_two_blowoff needs to be opened to allow air to escape the system and to avoid stresses on the system.

If the booster pumps are off for an extended period of time (for maintenance, power outage, etc…) and the mains_pressure_gauge reads 0 or close to 0, it is critical that the division_two_blowoff be opened before the booster pumps are restarted.

1. Ensure both Booster Pump Left and Booster Pump Right are turned off at the Control Box
2. Ensure that the division_two_shutoff is open
3. Open the division_two_blowoff
4. Put one of the booster pumps into manual mode
5. Let the booster pump run for at least 10 minutes, the water coming out of the blowoff should be steady, no sputtering or air.
6. The mains_pressure_gauge should show some pressure now.
7. Slowly close division_two_shutoff
8. Set the booster pump to auto
9. Monitor the mains_pressure_gauge and the pressure gauge in the control box. It should return to 20 psi
10. The booster pump set to auto should automatically shut off when the system reaches ~22 psi

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