

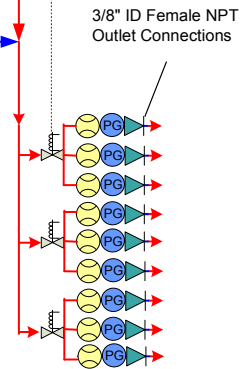
**Legend**

- AD-1 Air Dryer – D12IN
- AF-1-3 Inlet Air Filters – OG-Inlet Filter
- AR-1 Air Receiver Tank
- BP-1 Back pressure regulator for the sparge air
- BP-2 Back pressure regulator for the oxygen
- C-1/2 Air Compressor, - CP-OG-P
- C-3 Air Compressor, Thomas OG-20
- CF-1 Coalescing Filter
- CV-1 Check Valve
- EO-1 Enclosure Ozone Sensor – OEM-1
- ET-1 Enclosure Temperature Sensor
- FM-1 Flow Meter to Display Sparge Air Flow Rate, 0-3 CFM, Dwyer
- FM-2 Flow Meter to Display Oxygen/Ozone Flow Rate, 0-10 LPM (Mounted to TG-40)
- G-1 Oxygen Concentrator – OX-20
- G-2 Ozone Generator – TG-40
- PG-1 Pressure Gauge – 0-100 PSI
- PG-2 Pressure Gauge – 0-60 PSI
- PG-3 Pressure Gauge – 0-60 PSI
- PG-4 Pressure Gauge – 0-60 PSI
- PS-1/2 Pressure Switches/transducers
- NV-1 Needle Valve to Adjust Flow, Attached to FM-1
- RH-1 Relative Humidity Sensor
- V-1 Water Drain Solenoid Valve
- V-2 Water Drain Solenoid Valve
- V-3 Large Brass Solenoid Valve

**Notes**

Manifold includes 9 Outlets with Solenoid Valves, Flow meters, pressure gauges, and check valves

Solenoid Valve – SVSS-6  
 Flow Meter – FM-6-SS-123  
 Pressure Gauge – 0-30 PSI  
 Check Valve – CVHP-4



		Piping and Instrumentation Diagram (P&ID) Ozone Sparge System	
		Scale: None	Designed By: Joel Leusink
Date: 08/27/09	Drawing Number: #080709/J	Job Number: NA	
OS-100-1.5 Rental			
Ozone Solutions, Inc.			