Instructions: *Use the equipment manual for each component to populate the frequency column with appropriate number of hours for each task.*
Maintain a separate set of records for both systems in a duplex PSA plant and all three systems in a triplex PSA plant.
The technician who completes the maintenance task must put initials and dates in the appropriate columns.
Customize this form to your PSA plant. Electronic copies of this form are available at: www.bhioxygen.org

Build Health International

Preventative Maintenance Log

	Manufacturer	Model	Serial Number
Air Compressor			
PSA Plant			
Oxygen Booster Compressor			

Component	Service	Frequency	Hours	Date	Initials	Hours	Date	Initials	Hours	Date	Initials	Hours	Date	Initials	Hours	Date	Initials
Air Compressor	Change air filter																
	Change oil																
	Change oil filter																
	Change oil separator elements																
	Inspect belt (if equipped)																
	Clean air dryer condenser radiator																
	Clean aftercooler and intercooler																
	Change coalescing filter #1																
	Change coalescing filter #2																
	Change coalescing filter #3																
Oxygen Generator	Change coalescing filters																
	Service solenoid (or pneumatic) valves																
Oxygen Booster Compressor	Check belt tension																
	Check for bearing wear																
	Clean cooling fans																
	Clean in-line filter																
	Change 1st and 2nd stage piston rings																
Oxygen Delivery Systems	Check cylinder valves for leaks																
	Inspect cylinder valves for damage																