

**Preventive Maintenance Schedule**  
**System: Dental Air Compressors**

| <b>Maintenance Task Description</b>   | <b>Frequency<br/>*</b> | <b>Skill<br/>Level<br/>**</b> | <b>Time<br/>Hours<br/>***</b> |
|---|------------------------|-------------------------------|-------------------------------|
| Drain moisture from the Receiver Tank   | D                      | O                             | 0.25                          |
| Inspect inlet air filter for dirtiness  | W                      | A                             | 0.25                          |
| Clean dust and foreign matter from cylinder, cylinder head, motor, fan, air lines, crankcase and after cooler | W                      | A                             | 0.25                          |
| Check V-bolts for tightness   | W                      | A                             | 0.25                          |
| Check and drain tank drain valve  | W                      | A                             | 0.10                          |
| Check operation of pressure relief valve  | M                      | A                             | 0.10                          |
| Check pressure switch for proper operation  | M                      | A                             | 0.1                           |
| Check and clean check valve if leaking  | M                      | A                             | 0.25                          |
| Check compressor valve  | A                      | J                             | 1.0                           |
| Check system for air leakage around fittings, gaskets, etc.   | 500 OH                 | A                             | 0.25                          |

\*Frequency Legend:

D – Daily  
W – Weekly  
M – Monthly  
A – Annually  
OH – Operating Hours

\*\*Skill Level Legend:

O – Unskilled Laborer  
A – Apprentice Mechanic  
J – Journeyman Mechanic  
M – Master Mechanic

\*\*\*Time Hours: The time indicated is for the time required to service one unit.