



**Maricopa County Air Quality Department**  
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**WET SCRUBBER SYSTEM PREVENTATIVE MAINTENENCE CHECKLIST**

Business Name: \_\_\_\_\_

Equipment Identification: \_\_\_\_\_

O&M Plan Revision Date: \_\_\_\_\_

| Date _____                                                           | Technician _____ |       |
|----------------------------------------------------------------------|------------------|-------|
| <b><u>Weekly Procedures</u></b>                                      |                  |       |
| Check pump & fan motor for unusual vibration, noise or heat          | _____            | _____ |
| Inspect system for leaks                                             | _____            | _____ |
| Check system dampers for proper operation                            | _____            | _____ |
| Check chemical metering pumps & probes for proper operation          | _____            | _____ |
| <b><u>Monthly Procedures</u></b>                                     |                  |       |
| Inspect spray nozzle distribution pattern                            | _____            | _____ |
| Inspect/clean flow strainer                                          | _____            | _____ |
| Check fan housing drain                                              | _____            | _____ |
| Check condition of fan bearings, belts & seals                       | _____            | _____ |
| Inspect fan impeller & blades for solids buildup or erosion          | _____            | _____ |
| <b><u>Quarterly Procedures</u></b>                                   |                  |       |
| Inspect packing for breakage & settling                              | _____            | _____ |
| Check piping for erosion or plugging                                 | _____            | _____ |
| <b><u>Semi-Annual Procedures</u></b>                                 |                  |       |
| Calibrate instrumentation                                            | _____            | _____ |
| Inspect sump, packing & ductwork for solids buildup                  | _____            | _____ |
| Inspect tower internals for corrosion or breakage                    | _____            | _____ |
| Inspect ductwork, fan & structural supports for deterioration/damage | _____            | _____ |
| <b><u>COMMENTS:</u></b>                                              |                  |       |
|                                                                      |                  |       |