

## J-Mate<sup>®</sup> Dryer Maintenance Schedule

### Have you checked your dryer lately?

*The owner's manual that you received with your dryer recommends checking your dryer regularly to keep it in its best condition. Here's what you should be checking for:*

#### DAILY

\_\_\_ Conveyor Chain Tension – Should only be adjusted when the conveyor is COLD.

#### WEEKLY

- \_\_\_ Air Filter – clean as needed.
- \_\_\_ Conveyor Drive Bearings – grease as needed.
- \_\_\_ Extruder Bearings – grease as needed.
- \_\_\_ Hopper / Bridge Breaker Bearings – grease as needed.
- \_\_\_ Extruder Screen – clean as needed.
- \_\_\_ Wobble Arms – check for wear of rollers.
- \_\_\_ Extruder Paddles – check for wear and tighten hardware as needed.
- \_\_\_ Bridge Breaker Paddles – check for wear and tighten hardware as needed.
- \_\_\_ Extruder Seals – check for leaking between bearing and seal plate.
- \_\_\_ Hopper Seals – check for leaking between seal plates.
- \_\_\_ Scrubber Trap – check for any blockage.
- \_\_\_ Scrubber Spray Nozzle – spray must be a full circle.
- \_\_\_ Manometer Oil – check level, must be at zero when dryer is not running, add as needed.
- \_\_\_ Scrubber Throat – check for any blockage.

#### MONTHLY

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec

- Scrubber Trap – clean and flush drain.
- Scrubber Spray Nozzle – clean.
- Scrubber Throat – clean and flush.

*continued on back*

- Gas Pressure to Dryer – no higher than 28” w.c. and no less than 4” w.c.
- Burner Surface – no black spots while burners are burning.
- Flame Color – no blue flame should be coming from the face of the burner, consult factory on how to adjust.
- Manifold Pressure without Mod. Valve – range is 4” – 6” w.c.
- Manifold Pressure with Mod. Valve – high fire 4” – 6” w.c. low fire 2.5” w.c.
- Spark Igniter – check gap, no more than .25” from face of burner.

## QUARTERLY

Q1	Q2	Q3	Q4

- DC Control Boards – check voltage input 220 ac and voltage output max. 180 vdc.
- DC Control Board – check fuse.
- Flame Reading – flame rod 18 vdc UV scanner 4-6 vdc.
- Gear Boxes – check oil level, add as needed, consult manual for type of lubricant required.

## SEMI-ANNUALLY

Date:	Date:

- Air Filter – replace.
- Extruder Seal between bearing and extruder – replace.
- Hopper / Bridge breaker seals – replace

## YEARLY

Date: \_\_\_\_\_

- Extruder paddles – replace.
- Bridge breaker paddles – replace.
- Conveyor Discharge bearings – replace.
- Gear Box oil – replace, consult manual for type of lubricant required.

**TIP:** Make copies of the first page of this checklist to check off each day.

For more information, consult your O&M manual. If you have any questions or need any help with parts or service, please call Siemens Water Technologies toll free at 1-800-245-3006. We can provide you with all your parts and offer Service Contracts to assist you.