

## T-L IRRIGATION – BASIC PIVOT OPERATION & SERVICE

### T-L IRRIGATION CO. ANNUAL MAINTENANCE/WINTERIZATION PROGRAM

Owner Name:	Phone No.	Ser. No:	Date
Operator Name:	Phone No.		
Directions		Comments	
Pump Drive & Type			
Gear Type			
Hydr. Motor Type			

PIVOT POINT	Check Performed	Comments
Grease Pivot Point		
Oil Condition – Take Sample if questionable		
Hydr. Tank – Check all Fittings		
Drain Water from Hydr. Tank		
Check Hydr. Oil Level in Tank		
Add Hydraulic Oil Supplement if needed		
Check Belts if Belt Drive Unit		
Change Return Filter(s)		
Clean Suction Filter (if on system)		
Check Overwater Timer (if on system)		
Grease Hydraulic Swivel (if on system)		
Check Collector Ring & Wiring (if on system)		
Run System, check all Safeties		
Check Wrap Hoses (if on system)		

Towers	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Check Auto Drains														
Tire Pressure & Condition														
Check Hydr. Hoses on Tower														
Check Water Hoses and Clamps														
Worm Gears – Drain Water/Add oil														
Worm Gears – Drive Shaft Couplers														
Worm Gears – Check Alignment														
Planetary Gears – Grease, Spin														
Gears – Check for Play														
Check Wheel Lug Nuts														
Check for Oil Leaks														
Check for loose or missing Bolts														
Check Alignment Cables – tight														
Anti-Seize & Sleeve Guidance Cables														
Check Guidance Sheaves – turn free														
Comments														

END TOWER	Check Performed	Comments
Manual Control – FC Spool Free		
Manual Control – DC Spool Free		
Point Control – Check Coils (40 ohms)		
Point Control/TLC – Check or replace ET Filter		
Remove Sand Trap and Clean		
Check End Gun		