

## 23G START-UP DATA

**Model No.:** \_\_\_\_\_ **Tested By:** \_\_\_\_\_

**Serial No.:** \_\_\_\_\_ **Date:** \_\_\_\_\_

This information is to be filled out during start-up of RO. All pre- and post- treatment devices must be installed and in working order for correct results. **DO NOT RUN RO IF ALL EQUIPMENT IS NOT READY. DAMAGE MAY OCCUR.** This data should be kept with RO and may be required during any troubleshooting provided by the manufacturer.

Physical Data			
	UNITS (Circle One)	DATA	REMARKS
Permeate Rate ACT	gpm gph m <sup>3</sup> /hr Lph		
Permeate/Recycle Temp.	°F °C		
Permeate Rate @ 77°F (25°C)	gpm gph m <sup>3</sup> /hr Lph		
Concentrate Rate ACT	gpm gph m <sup>3</sup> /hr Lph		
Total Flow Rate ACT	gpm gph m <sup>3</sup> /hr Lph		
Recovery ACT			
Pre - Filter Pressure	psi bar		
Post - Filter Pressure	psi bar		
Primary Pressure	psi bar		
Final Pressure	psi bar		
pH Reading (meter)	std units		pH option only
pH of Concentration (test kit)	std units		
Feed TDS	mS		
Concentrate TDS	mS		
Average TDS	mS		
Permeate TDS (manual)	mS		
Permeate TDS (meter mS)	mS		
% Passage (Perm TDS/Avg TDS)			
Permeate TDS SHA #1	mS		
Permeate TDS SHA #2	mS		
Permeate TDS SHA #3	mS		
Permeate TDS SHA #4	mS		
Permeate TDS SHA #5	mS		
Permeate TDS SHA #6	mS		
Permeate TDS SHA #7	mS		
Permeate TDS SHA #8	mS		
Permeate TDS SHA #9	mS		
Permeate TDS SHA #10	mS		

Physical Data (cont.)			
	UNITS (Circle One)	DATA	REMARKS
Permeate TDS SHA #11	mS		
Total Chlorine Concentration in Feed	ppm		must be 0.1 ppm
Free Concentration in Feed	ppm		
pH Alarm Setting			6 channel option only
TC-85 Setting	°F °C		
Main Voltage Supply to Motor	VAC		
Phases	Single-Phase Three-Phase		
Overload Current Trip Setting	Amps		

ECM-100 Set point Data					
Alarm Limits		Timer Presets		Calibration	
Alarm	Set Point	Timer	Preset	Calibration	Preset
Permeate High Conductivity		RO Pump Delay		Pre-Filter Pressure	
Temp High		Start-Up Pump Diver		Post-Filter Pressure	
pH High		AUF Period		Primary Pressure	
pH Low		AUF Duration		Final Pressure	
Post-Filter		Alarm Shutdown Delay		Permeate Pressure	
Pressure Low		Log Period		Conc. Flowrate Offset	
Primary Pressure High		Auto-On Period		Perm. Flowrate Offset	
Primary Pressure Low		Auto-On Duration		Conc. Flowrate Slope	
Permeate Pressure High				Perm. Flowrate Slope	
Rejection Low				pH Low Calibrate	
Pre-Filter Delta-P High				pH High Calibrate	
Membrane Delta-P High					
Permeate Flow Low					