



Customer Data:

Date: Identifier (Project Name):..... Owner:.....
 Location:.....
 Contact Person:.....Telephone No:..... Email:.....

System Information

Feed Water Source:.....
 Feed Water Flow to RO Plant:.....
 Expected permeate pressure: bars
 Feed Flow m³/day
 Product flow m³/day
 Recovery (%)

Membranes

FILMTEC TORAY HYDRANAUTICS Other:

Type Of Activity Of The Client

Pharma Cosmetics Food Processing Ind. Heavy Ind. Automotive
 Energy Electronics Bleaching/Textiles Ind. Chemistry Fitting
 Hospital Drinking Water Other Activity

Plant operating Data

Pretreatment

Sand filtration Anti-colloids filtration Iron removal Softening
 Acidification Complexing agent Alkalinization Other:.....

Pre-Treatment System Condition

Coagulation / Flocculation Tanks: Yes No
 Type of Coagulant/Flocculant used:.....
 Dosage Coagulant/Flocculant used:.....
 Media Filtration Yes No
 Membrane Microfiltration / Ultra Filtration: Yes No
 Cartridge Microfiltration: Yes No
 Type of Antiscalant used:
 Dosage antiscalant:.....(ppm) or(litr/hr)
 Location of Antiscalant Dosing Point:

Problems Observed in system:

Fouling:
 Biofouling:
 Scaling:
 Other:



Feed Water Analysis

Feed Water Temperature ($^{\circ}\text{C}$):Min: Max:

Feed Water Silt Density Index (SDI):

Feed Water Suspended Solids:

Feed Water Conductivity ($\mu\text{S}/\text{cm}$):

Feed Water pH:

If Feed Water pH is adjusted, what is used to adjust pH:

pH after adjustment:

Analysis of inlet water to R.O Unit:

Origin of raw water:			Raw water pH :			The inlet temperature($^{\circ}\text{C}$):	
pH:	TH: ppm	CaH: ppm	Na: ppm	K: ppm	Fe: ppm		
Cond: $\mu\text{S}/\text{cm}$	TDS: ppm	Cl: ppm	SO4: ppm	NO3: ppm	SiO2: ppm		
M-Alk: ppm	P-Alk: ppm	PO4: ppm	Turbidity:	NTU	TOC: ppm		

Duration for each CIP:

2 month

3 month

6 month

Other:

Type and Dosage chemical washing for CIP in R.O Unit:

Additional Information