

REQUIREMENT SHEET FOR COMMERCIAL / INDUSTRIAL R.O. SYSTEMS

PROJECT NO : _____

DATE : _____

LOCATION FOR WATER QUALITY (EXAMPLE: NEAR SEASIDE OR MOUNTAIN) : _____

A. Required capacity :

B. Type of user (example: use in home, school.....) :

C. Required quantity :

CONTENTS OF FEED WATER

CHEMICAL ANALYSIS	ppm-mg/L	ppm-mg/L as CaCO3	mEq/L
CATIONS			
1. Calcium (Ca ⁺⁺)			
2. Magnesium (Mg ⁺⁺)			
3. Total Hardness			
ANIONS			
1. Chloride (CL ⁻)			
2. Sulphate (SO ₄)			
3. Total Anions			
4. Total Dissolved Solids			
5. Alkalinity			
6. Free Chlorine (es Cl ₂)			
7. Iron (es Fe)			
8. COD			
9. BOD			

PHYSICAL ANALYSIS	ppm-mg/L	ppm-mg/L as CaCO3	mEq/L
1. Chlorate			
2. Suspended Matter			
3. Turbidity			
4. pH			
5. Conductivity			
6. Temperature			

INFORMATION FOR WATER SOURCE			
1. ORIGINAL WATER SOURCE			
2. FLOW RATE/SIZE OF TUBE			
3. APPLICATION (example : bottle water or washing chips....etc)			
4. METHOD OF SAVING WATER			

WORKING REQUIREMENT		
1. Average Dally Requirements	M ^s /day	
2. Number of Working House	H/day	
3. Number of RO/DI Working House	H/day	
4. Max. Flow Rate Required	M ^s /day	
5. Number of hours of Max. Flow Rate	H/day	
6. Min. Flow Rate Required	M ^s /day	
7. Product Storage Facilities M ^s	M ^s	
8. Product Water Pressure Required	kg/cm ²	
9. Permissible Total Dissolved Solids	PPM	
10. Sterilization Required		

POWER		
1. Voltage		V
2. Frequency		Hz
3. Phase		ph
4. Max. Current Available		A

CIRCUMSTANCE CONDITION				
1. Ambient Temperature		MAX :		MIN :
2. Special measure instrumentation and controls required				
3. Available Space for setting R.O. System	Length	Depth	Height	Other

INFO PROVIDED BY :

OPINION :

PUREPRO

