

## RO Equipment

In April 2012, Pure Aqua successfully manufactured and RO equipment to a major food & beverage company in Bangladesh. The equipment came complete with a multi-media filter for particle removal, activated carbon filter for chlorine removal, water softener to remove hardness, an RO system designed to produce 18,000 GPD at a feed up to 1000 PPM TDS, and a UV sterilizer & ozone to kill bacteria.



### System Overview

Location:	Bangladesh
End-User:	A major food and beverage company
Objective:	To remove hardness, chlorine, particles from water, and to lower the TDS
Water Source:	Municipal tap water
Feed TDS:	1000 PPM
Capacity:	18,000 GPD
Pretreatment:	Multimedia & activated carbon filters, and water softener
Posttreatment:	UV sterilizer and ozone
Instruments:	Flow meters, conductivity meter, pressure gauges, and low pressure switch
Control System:	Microprocessor control panel

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Designed and  
Manufactured in  
Southern California,  
USA

Pure Aqua Inc. is an  
ISO: 9001 certified  
company with over a  
decade of experience  
in advanced system  
design and  
manufacturing.

Using the latest  
technology in 3D  
Computer Aided  
Design (CAD) software  
allows for highly  
detailed and functional  
design. This reduces  
material cost and  
environmental impact,  
while maintaining  
quality and reliability.

Our modular systems  
are engineered for  
ease of integration and  
delivery to many  
locations worldwide.