



## Metal for the world, water for the UAE



Emirates Global Aluminium's is committed to excellence in product quality and professional service, including in water. At present we offer two types of water, high purity distilled water and potable water.

### **High purity distilled water**

EGA is one of the top suppliers of high purity distilled water in the United Arab Emirates. The quality of our high purity distilled water is assured through our excellence in operating practices, maintenance and a well-equipped laboratory. Our customers use EGA high purity distilled water in applications including food processing, perfumeries, boiler feed water and the production of medical grade water.

EGA supplies high purity distilled water to some customers by pipeline. Other customers are supplied through a dedicated tanker filling point located at EGA's site in Jebel Ali.

### **Potable water**

EGA's potable water meets the World Health Organisation's drinking water quality requirements. Our customers use EGA potable water to produce bottled water for domestic supplies and for various industrial applications.

EGA's seawater desalination plant at Jebel Ali was the first in the world to implement a potable water disinfection system, which protects the water from potential contamination during distribution yet minimises the risk of producing potentially harmful disinfection by-products (DBPs).

EGA supplies some potable water to customers by pipeline, whilst others use our Tanker Water Filling Station at Jebel Ali. This is the largest of its kind in the UAE and serves thousands

of tankers every day. Our Tanker Water Filling Station takes just 10 minutes to fill a 10,000 gallon tanker, making it many times faster than other filling stations in Dubai.

### Typical qualities of EGA's water products:

Typical Analysis of Distilled Water	
pH	6.3 to 6.7
Conductivity	< 2.0 ms/cm
Total Hardness	< 0.5 mg/l as CaCO <sub>3</sub>
Chloride	< 0.5 mg/l as Cl
Total Alkalinity	< 0.5 mg/l as CaCO <sub>3</sub>
Iron	< 0.02 mg/l as Fe
Copper	< 0.03 mg/l as Cu
Nickel	< 0.01 mg/l as Ni
Oxygen	< 0.01 mg/l as O <sub>2</sub>
Silica	<0.005 mg/l as SiO <sub>2</sub>

Typical Analysis of Potable Water	
pH	7.9 to 8.5
Conductivity	50 to 300 ms/cm
TDS	25 to 150 mg/l
Total Alkalinity	25 to 65 mg/l as CaCO <sub>3</sub>
Total Hardness	25 to 70 mg/l as CaCO <sub>3</sub>
Calcium Hardness	25 to 65 mg/l as CaCO <sub>3</sub>
Magnesium Hardness	< 15 mg/l as CaCO <sub>3</sub>
Chloride	< 50 mg/l as Cl
Sulphate	< 3 mg/l as SO <sub>4</sub>



#### Contact us

Telephone: +971 4 802 2082  
 +971 4 802 2250  
 +971 50 653 4249  
 Email: [water@ega.ae](mailto:water@ega.ae)