



Peter Georgi  
Regional Representative Latin America

# Water Treatment at Coca Cola FEMSA

**In the Coca Cola batching plants of the FEMSA company in Buenos Aires, Argentina, +GF+ SIGNET water and waste water treatment devices are being implemented.**

The FEMSA company, which is domiciled in Mexico and the actual licensor for Coca Cola batching in the city of Buenos Aires, Argentina, wants to renovate and expand the water treatment systems at their batching plants.



**Various SIGNET measurement systems are used in the new reverse osmosis units.**

At the present time, such renovation work has been completed at two of the main plants: at FEMSA San Justo and FEMSA Alcorta. These two projects were carried out by the Lockwood company, one of the leading firms in Argentina in the business of water and waste water treatment. In both cases, FEMSA relied on devices from +GF+ SIGNET, especially the magnetic inductive flow meters, for installation of their new reverse osmosis process.

### **FEMSA plant in San Justo**

The new water treatment system at the FEMSA plant in San Justo consists of two reverse osmosis units, which each have an input capacity of 25 m<sup>3</sup>/hour and an output capacity of

17.5 m<sup>3</sup>/hour, adding up to an overall capacity of 50 m<sup>3</sup>/hour and an overall penetration water capacity of 35 m<sup>3</sup>/hour.

A total of eight +GF+ SIGNET flow meters were used in this application. Added to these were two conductivity measurement systems with a measurement sensor of the type +GF+ SIGNET 2820 and a conductivity monitor, +GF+ SIGNET 5800, for measurement of the conductivity of the penetration water at the outlet of both reverse osmosis units.

### **FEMSA plant in Alcorta**

The FEMSA plant in Alcorta is the largest plant owned by the company in Buenos Aires. The new water treatment system consists of a reverse osmosis unit with an input capacity of 65 m<sup>3</sup>/hour and an output capacity of 50 m<sup>3</sup>/hour. In this plant, nine +GF+ SIGNET flow meters and again a conductivity measurement system were installed. The pH value measurement system used here consists of an electrode, type +GF+ SIGNET 2714, a pre-amplifier, type +GF+ SIGNET 2720, and a pH monitor, type +GF+ SIGNET 5700 ProPoint™, for measurement of the pH value of the untreated water at the beginning of the reverse osmosis process.

We would like to take this opportunity to thank the engineer, Daniel E. Musciano, from our representative Bruno Schillig SRL in Buenos Aires, Argentina, for this valuable input.

### **Magnetic inductive flow meter by +GF+ SIGNET.**



APPLICATION