



**SEE THINGS
DIFFERENTLY**

Innovations

Chemical / PetroChem



The Challenge:

Galvanizing systems usually use a sampling system to control and monitor the process. Galvanizing takes steel and immerses it in a bath of molten zinc between 815-850°F (435-455°C). The zinc metallurgically bonds to the steel, creating a series of highly abrasion-resistant zinc/iron alloy layers, topped by a layer of impact-resistant pure zinc. **Control of this process is critical for the coating-thickness and surface-condition inspections required to complete this process.**



The Solution:

Prevent cross contamination of sample gases in the manufacturing process...

An Rmax valve system replaced the existing system which contained solenoids and ball valves. The new valve system prevents cross contamination of sample gases in the manufacturing process. The customer now has a much more reliable, compact and durable sampling system. This will ultimately lead to producing a superior product for their customers.

Connect with the experts at RG Group to discuss your latest challenge!