



# Electrode Flange

Instrumentation – Flow Measurement

## General Information

**Customer:** Siemens Flow Instruments  
**Product:** Electrode Flange  
**Application:** Ferro Chloride / Hydrochloric Acid  
**Install Date:** 2005

## Problem

An end-user in Switzerland experience problems with platinum electrodes applied in hydrochloric acid. Siemens had for long time been looking for a cost effective solution. Pricing on parts made from solid tantalum was high and lead times were long due to difficult engineering. The target was a price in the range of Hastelloy.

## Solution

Electrodes were made by the **Tanteline JobShop** out of stainless steel which was supplied by Siemens.

## Result

After the part has been installed in 2005, no problems have been observed or reported to date.



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