

# Recommendation for Maintenance of ZENNER Irrigation Water meters

## Foreword:

The tangential irrigation water meters WI of ZENNER have no EC type-approval certificate and thus the meters cannot bear an initial verification sign. Nevertheless, the meters are calibrated and factory tested for accuracy.

From the legal point the water meters are free from the usual legal exchange obligation applying in certain countries for potable water meters.

The maintenance of irrigation water meters is highly dependent of the contamination of the water. Key factors for deposits or damage may be: Manganese, Iron, Calcium, Stones or other coarse particles.

For maintenance we recommend to consider the following points:

- The use of a filter before the meter increases the lifetime of the meter
- To ensure optimum accuracy, the meter should be checked and cleaned once a year
- Check the measuring insert for damage and remove debris in the housing
- Clean the sealing surfaces and use new gaskets
- Damaged measuring inserts should be replaced
- We recommend to stock a replacement measuring insert in the corresponding meter size
- Depending on the frequency and type of contamination, we recommend at least every 5 years a hydraulic test, or the exchange of the measuring insert or of the whole meter

