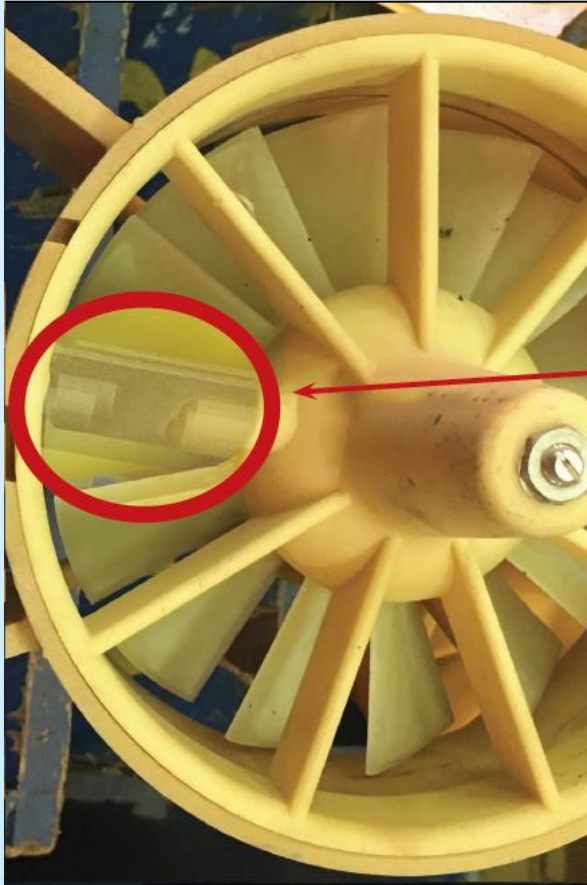


ACCURACY OF MECHANICAL FLOW METERS IN OPERATION

N&Z Instrumentation
& Control





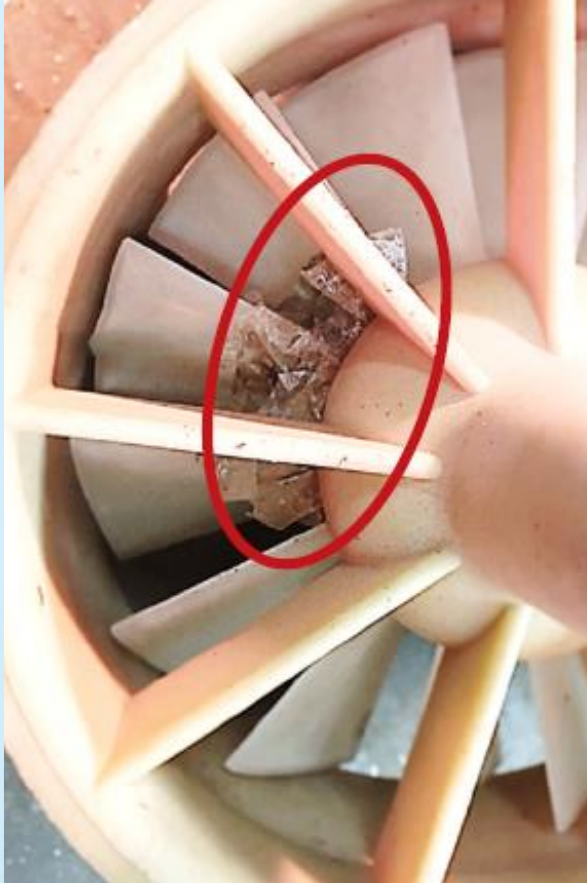
Mechanical meters are calibrated by positioning a vane which adjusts the water's angle of impact on the propeller blades.





Pebbles wedged in the meter's input structure will play havoc with the angle of the water flow and severely affect accuracy.





Even a small piece of debris wedged in the turbine will cause the meter to under-read.





Mechanical meters damaged by stones and debris resulting severe under-reading





THE SOLUTION

When a meter under-reads you are giving water away for free. The solution is to use the Isoil battery powered magnetic flow meter.

The inherent accuracy is much better.

