We are increasingly being asked if our Water Meters come with a **" Certificate of Accuracy",** generally from Councils and other government bodies. Our water meters are tested after manufacture and are calibrated individually to ± 2%. Our meters comply with the international Standards (ISO 4064), which requires an accuracy of ± 2%. Water Meters manufactured to this standard are not issued with individual test certificates. If water meters are marked and supplied with ISO 4064, they must comply to this accuracy to comply with the standard. An abstract of this standard is below as follows:-

Abstract

ISO4064-1: 2005 specifies terminology, technical characteristics, metrological characteristics and pressure loss requirements for cold potable water and hot water meters. It applies to water meters that can withstand maximum admissible working pressures (MAP) at least 1 Mpa (0,6 Mpa for meters for use with pipe nominal diameters, DN at least 500mm) and a maximum admissible temperature, MAT, for cold potable water meters 0f 30°C and for hot water meters up to 180°C, depending on class.

IS0 4064-1: 2005 also applies to water meters, based on electrical or electronic principles and to water meters based on mechanical principles incorporating electronic devices, used to meter the actual volume flow of cold potable water and hot water. It also applies to electronic ancillary devices. Generally ancillary devices are optional.

The specification of ISO 4064-1: 2005 apply to water meters, irrespective of technology, defined as integrating measuring instruments continuously determining the volume of water flowing through them.

ISO 4046-2: 2005 Specifies criteria for the selection of single, combination and concentric water meters, associated fittings, installation, special requirements for meters and the first operation of new or repaired meters to ensure accurate constant measurement and reliable reading of the meter.

ISO 4064-2: 2005 also applies to water meters, based on electrical or electronic principles and to water meters based on mechanical principles incorporating electronic devices, used to meter the actual volume flow of cold potable water and hot water. It also applies to electronic ancillary devices.

The recommendations of this ISO 4064-2: 2005 apply to water meters, irrespective of technology, defined as intergrating measuring instruments continuously determining the volume of water flowing through them.