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# Measurement of water flow in closed conduits — Meters for cold potable water —

## Part 2 : Installation requirements

### ADDENDUM 1 : Parallel and multiple meter operation

Addendum 1 to International Standard ISO 4064/2-1978 was developed by Technical Committee ISO/TC 30, *Measurement of fluid flow in closed conduits*, and was circulated to the member bodies in November 1981.

It has been approved by the member bodies of the following countries :

Australia  
Belgium  
Egypt, Arab Rep. of  
France  
India

Japan  
Korea, Rep. of  
Netherlands  
Poland  
Romania

South Africa, Rep. of  
Spain  
Sweden  
United Kingdom  
USA

No member body expressed disapproval of the document.

## 1 Scope and field of application

This addendum to ISO 4064/2 specifies criteria additional to those given for single meter installations in ISO 4064/2 and applicable to single water meters operating either in parallel or grouped together in one location.

It is not applicable to "combined" meters for which specifications are given in ISO 7858/1.<sup>1)</sup>

## 2 Definitions

For the purpose of this addendum, the following definitions apply.

**2.1 parallel operation** : Operation of two or more meters grouped together and connected to a common source and a common delivery.

**2.2 multiple meter operation** : Operation of several meters grouped together where their inlets are connected to a common source, or their outlets to a common delivery, but not both.

## 3 Examples of use of meters operating in parallel and multiple meter operation

**3.1** Water meters may be operated in parallel where the installation of one large meter to meet the maximum water demand or to cover the required flowrate range is impractical.

**3.2** Water meters may be installed in parallel where "stand by" meters are necessary to ensure continuity of delivery and flow measurement in the case of filter blockage or water meter breakdown.

1) ISO 7858/1, *Measurement of water flow in closed conduits — Meters for cold potable water — Combined meters — Part 1 : Specification*. (At present at the stage of draft.)