

Instruments shall not be installed until heavy construction work adjacent to instruments has been completed to an extent that there can be no damage to the instrument installation by this construction work. After installation suitable guards for the protection of panels, local instruments and enclosures shall be provided to prevent damage during other construction activities.

6.1.2 Instrument Locations

CONTRACTOR shall verify the location of each field instrument prior to installation using, as a reference, instrument location plans and installation details.

Instruments shall be installed in accordance with the approved project instrument installation details.

Instruments shall be orientated so that the display faces the direct access approach to the equipment with which they are associated.

Instruments shall be located with due regard to maintenance activities, vents, drains and filling points to minimise the impingement of process fluids on housings and cables.

Care shall be taken to ensure that no passage ways or access to other plant equipment, electrical panels, other instruments etc., are obstructed.

Indicating instruments shall be orientated to permit viewing from walkways or platforms. Instruments shall generally be accessible for adjustment or maintenance without the use of ladders.

Each instrument shall be provided with a support as detailed in the approved hook-up diagrams.

No instrument support shall be welded to a vessel, pipe or any other equipment.

No instrument shall be installed so that it depends for support or rigidity on the impulse piping or electrical connection to it.

Instruments shall not be supported from process piping, unless specifically shown on drawings.

Handrails shall not be used for mounting or supporting instruments, nor shall any instrument or support be located within 150mm of the top handrail.

Local mounted instruments shall be bracketed or sub-panel mounted on the nearest steelwork or masonry, or on a piping stand.

All instrument locations shall be finalised in consultation with ADWEA/ENGINEER and prior approval obtained.



Client	ADWEA
Project:	STANDARD SPECIFICATIONS FOR WATER WORKS
Title:	SPECIFICATION FOR INSTRUMENTATION & CONTROL SYSTEMS INSTALLATIONS