

Indoor circuit breakers shall be provided with a typed circuit directory sheet that correctly lists the circuit associated with each circuit breaker.

Instruments and equipment shall be installed in conformance with manufacturer's instructions.

Interface wiring to electrical equipment shall be connected in accordance with contract documents and manufacturer's instructions.

Doors on panels shall be kept closed and locked except when erection of the equipment requires them to be open, or when access is required to work/inspect panel internals.

Equipment enclosures, panels and cubicles shall be levelled by shimming before bolting to the prepared foundations.

Travel and shipping stops shall be removed prior to the installation of an instrument.

Cable and air entries of all equipment shall be made weathertight as soon as they are mounted in the field.

Vents open to atmosphere shall be protected against ingress of foreign matter. Unprotected openings should have a gooseneck or equivalent to protect against falling particles. Unless furnished by the equipment supplier, the CONTRACTOR shall install an austenitic stainless steel bug screen in instrument air vents and breather ports.

5.4 Coordination of Work

The CONTRACTOR shall be responsible to check other discipline drawings for coordination to eliminate conflicts prior to installation of materials or equipment. Failure to perform this check will imply that the CONTRACTOR bear all relocation costs, including labour, equipment and material, at no cost to ADWEA. All conflicts with other disciplines shall be brought to the attention of the ADWEA/ENGINEER for authorisation to change or modify location of instrument/ equipments.

5.5 Clean Working Areas

Working areas shall be kept clean and free of debris to the maximum extent possible. Working areas shall be cleaned on a daily basis.

Sand and dust ingress shall be kept to a minimum, especially during cable pulling.

Computer floor tiles shall be removed only from those areas where access for installation and cable routing is necessary.



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