

All the findings shall be properly recorded and signed off with relevant remarks about the status and any "hold" point. Before installation, all the "hold" points shall be fully addressed and approved by ADWEA/ENGINEER.

9.5 Field Inspection

The following are the minimum requirements for field inspection.

9.5.1 Underground Cable Installation

Trench Inspection:

This inspection is required to ensure, prior to pulling cables, that the trench preparation is complete and in accordance with the specification and route drawings.

Cable Laying:

This inspection is required to ensure that cables have been laid and identified in accordance with the specification and route. This inspection is required for each layer of cables within a trench. Cable ends shall be protected from moisture ingress.

Glanding & Termination:

This inspection is required to ensure that the cables have been glanded and terminated in accordance with the specification and termination drawings. Care shall be taken to ensure that the field cabling is not energised by the instrument systems. The field termination/isolation (knife terminals) shall be opened and clearly labelled.

Cable Testing:

Megger test of underground cables should be carried out after laying, trench backfilling, glanding & termination have been completed for the cable and prior to paving.

9.5.2 Above Ground Cable Installation

Cable Supporting Infrastructure:

This inspection is required to ensure that the cable supporting infrastructure is complete (prior to pulling cables) and in accordance with the specification and route.

Cable Laying:

This inspection is required to ensure that the cables are correctly installed to their final destination. Cable ends shall be protected from moisture ingress.

Glanding & Termination:

This inspection is required to ensure that the cables have been glanded and terminated in accordance with the specification and terminal drawings.



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