

**PURPOSE AND RESPONSIBILITY OF QUALITY CONTROL PERSONNEL:**

The purpose of QC plan is developed specifically to increase orderliness and consistency in planning and evaluating all items of work to insure strict conformity to the requirements of the specifications.

The responsibilities and duties of the quality control personnel are to execute the work in full accordance with the plans and specifications, to review and approve all shop drawings prior to submittal to the approving agency. To check, inspect and evaluate the materials, equipment installation methods and procedures incorporated to inspect all materials delivered on the job site to maintain records of all quality control activities through standardized documentations. To check all descriptive data and manufacturing as required under the technical provisions of the contract and specifications and to insure that field and change orders are incorporated; to insure compliance with the kingdom's regulations that required the use of Saudi manufactured products, and other related matters.

**QUALITY CONTROL PROCEDURES:**

Quality control inspection shall be adequate to cover all phases of manufacturing process including installation / erection at the site. An immediate action shall be taken to correct any discrepancies found during the stage of final inspection.

**FIRST STAGE INSPECTION**

At the start of the process, when material and equipment arrive to the factory, inspections are done to make sure that the material and equipment conform to the required specifications.

**SECOND STAGE INSPECTION**

Several inspections using vision, measurement, and force tests are done during the process so that no setbacks are created.

**PRIOR TO DELIVERY INSPECTION**

Inspection will be performed prior to delivering the units to the site. The procedure covers review of the contract requirements; review and approval of shop drawings and other submittal data; check to assure that required control test will be provided.

Physical examination will be required to assure that all materials and equipment units conform to the approved shop drawings, then recheck to assure that all items required are completed.

**POST INSTALLATION INSPECTION**

The unit is inspected by vision one last time to make sure that no defects are found.

Quality control personnel shall be familiar with the quality control plan to be assured that the criteria in its inspection have been strictly complied with those specified in the contract specifications.

**SUBMITTAL PROCEDURES**

The purpose of these procedures is to establish a system that maintains an effective scheduling, control, and processing of submittals required by the contract in order to assure that all requisites are complied.

The submittals referred to in these procedures include all shop drawings, samples, letters of certifications and other information that may be required for QC and as required by the contract documents.

## Appendix A-4 PROCESS CHART

