

Quality Assurance / Quality Control

As professional engineers and scientists, ACE understands that a systematic approach is the best means of ensuring the quality of our work products and meeting the performance standards required by our clients. Systematic quality assurance and control is accomplished by appropriate and timely review of the project goals; contracted scopes of work, budgets and schedules; technical methods; and all work products. Typically, a Quality Control Committee (QCC) comprised of the Project Manager and senior experienced professionals will be assigned to the project. We also propose that one or more representatives from the client actively join the Quality Control Committee to ensure our early and complete understanding of the project and to determine that the work product meets the client's requirements and performance standards.

The primary task required of the Committee is to prepare a detailed QA/QC plan. The plan is reviewed by all members of the project team, including subcontractors prior to the initiation of any work order.

ACE's quality control program is designed to:

- Have all levels of management maintain an effective quality control program with active participation by all project personnel.
- Ensure that quality is an integral part of the entire project and not just an 'end of job' review.
- Consider quality standards and objectives as equal or superior to budget and schedule considerations in all management decisions.
- Commit the resources needed to achieve the quality goals and objectives as set by the project manager and the client.

The essential facets of the quality control program include:

- Agreement on a detailed scope of work for each task.
- Preparation of budgets and schedules for performing the work.
- Frequent communication on progress of the work, problems and accomplishments.
- Periodic review of performance related to the planned schedule and budget goals.
- Quality standards for all field data collection efforts.
- Outline and scheduling of meetings to coordinate efforts of the various disciplines involved in any given project.
- Standards and specifications for any subcontractors to be used as needed (i.e., local land surveyors, etc.)
- Review of work product items to insure quality is achieved.