

A facility condition assessment is formed from a combination of information and data sources. This allows facility operators to get a holistic understanding of their facilities and how manipulating maintenance variables can impact long-term asset value. Data sources often include visual reviews of a representative sample, documents, interviews, surveys of interested parties and users, satisfaction surveys, operator evaluations and condition monitoring.

After sources are collected there are 5 steps to a successful facility condition assessment to follow:

1. Preliminary preparation includes mobilization of the consulting team and arranging site access
2. Collection of data includes reviewing documents, field visits, interviews, testing and monitoring
3. Analysis of the data includes estimations of quantities and costs based on collected data and statistical summarization
4. Preparation of the report includes peer review of the data to assure accuracy and standards conformance
5. Presentation of the report is usually in steps depending on the priority of the report receivers

The FCA is time sensitive and can quickly become stale, especially if corrective action is not promptly taken. FCAs should be regularly updated and confirmed by follow-up to revisit old findings. The process should be subject to regular iterations and adjustments to reflect changing conditions, technologies, and circumstances.

Ultimately, FCAs can be accomplished with the right planning and course of action. To learn more

