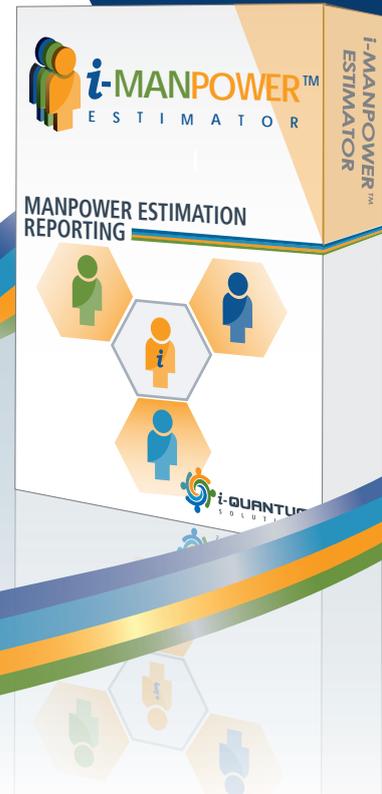




Equipment Manpower Estimation review builds the manhours activity requirements for an operation based on the inventory of equipment in the facility.



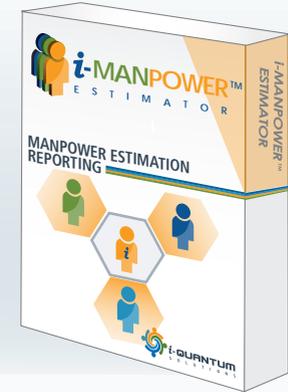
Key features of i-MANPOWER ESTIMATOR™

- APPLICABLE TO ALL TYPES OF PLANT OR ASSET ■
- DISCIPLINE SPECIFIC MANPOWER ESTIMATE FOR CREW COMPOSITION ■
- ABILITY TO SIZE ACCOMMODATION & LOGISTICS NEEDS BASED ON MANPOWER ESTIMATE ■
- FLEXIBLE AND SCALABLE ■
- PRODUCTIVITY FACTORING TO ACCOUNT FOR LOCATION, AGE & COMPLEXITY OF ASSET ■
- APPROXIMATELY 2 WEEKS FOR A COMPLETE DETAILED MANPOWER ESTIMATE ■



OUR APPROACH

We follow a structured business assessment process that has proven to be effective in multiple operations across the world. It involves a strong element of knowing & understanding equipment O&M activities to achieve an accurate manpower estimate.



MAINTENANCE MANPOWER ESTIMATOR REVIEW PROCESS

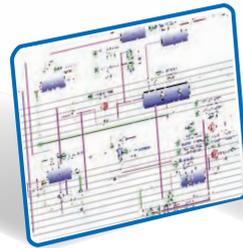
KEY PRODUCTIVITY CONSIDERATIONS

The following elements are factored into the manpower review process for a more realistic site specific estimate.

- Age of equipment
- Resource skill level & experience
- New technologies & techniques
- Operating environment
- Standard operating activities
- Shift patterns, rotations, working hours, etc
- Geographical location of asset



PREPARE EQUIPMENT LIST



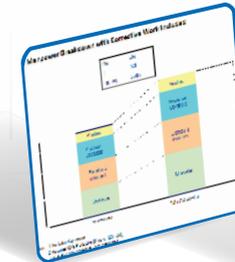
Develop a summary equipment list for estimate (PFDs & Master Equipment register)

DATA INPUT TO ESTIMATING TOOL



Establish key estimating assumptions i.e. productivity, manhour norms, level of corrective works...etc

MANPOWER ANALYSIS



Manpower analysis

PRESENTATION OF RESULTS



Overview of Manpower needs and assumptions