

Master Equipment List & Asset Identification Services

Equipment Maintenance & Monitoring

Asset intensive companies are enhancing their equipment reliability by advancing their maintenance strategy from reactive to more preventative and predictive models. An improved reliability strategy lowers maintenance costs, increases equipment uptime, improves sustainability, and can reduce safety incidents.

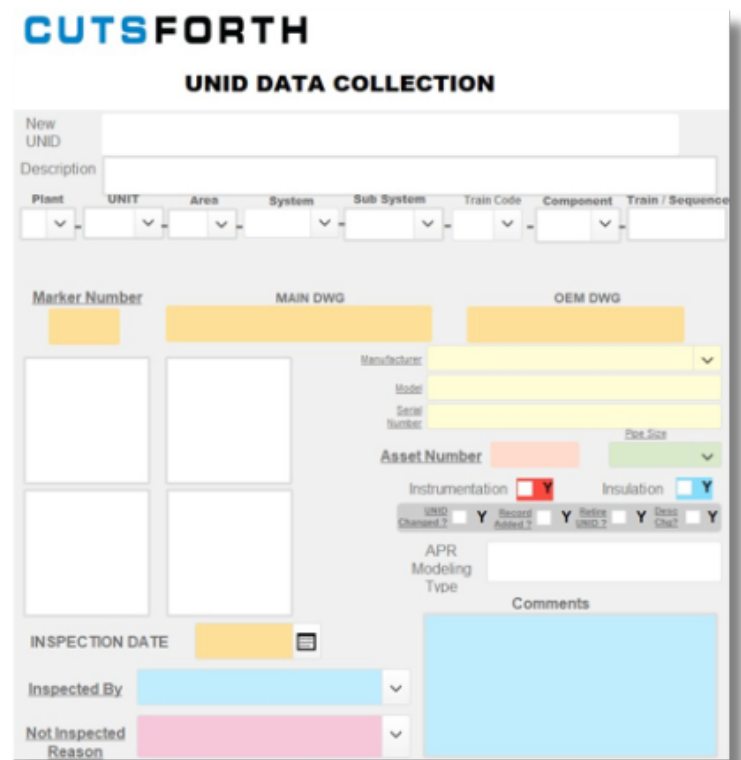
The basic building block of equipment reliability is an accurate list of plant equipment organized in a useful hierarchical format. This is the Master Equipment List (MEL).

Online equipment monitoring and maintenance systems utilize the MEL to organize, retrieve, and analyze equipment information. Equipment functional requirements, failure modes, and sensor data work together to enable monitoring of equipment 24/7 using advanced software programs to detect and predict failures.

The MEL for many organizations is out of date or incomplete.

Cutsforth provides highly experienced personnel who specialize in developing MELs and collecting equipment information data. Our team will work with your organization to:

- Review current equipment list(s)
- Develop an intelligent equipment hierarchy and format
- Add equipment IDs to drawings
- Upload information to your Maintenance Management System



The screenshot displays the 'CUTSFORTH UNID DATA COLLECTION' web application. It features a top navigation bar with the company logo and title. Below this is a form for entering 'New UNID' data. The form includes a 'Description' field and a series of dropdown menus for 'Plant', 'UNIT', 'Area', 'System', 'Sub System', 'Train Code', 'Component', and 'Train / Sequence'. A 'Marker Number' field is also present. The main section of the form is divided into two columns: 'MAIN DWG' and 'OEM DWG'. The 'OEM DWG' column contains fields for 'Manufacturer', 'Model', 'Serial Number', 'Asset Number', 'Instrumentation' (with a red 'Y' checkbox), 'Insulation' (with a blue 'Y' checkbox), 'UNID Changed?' (with a 'Y' checkbox), 'Recent Asset?' (with a 'Y' checkbox), 'Write UNID?' (with a 'Y' checkbox), and 'Data Chk?' (with a 'Y' checkbox). Below these are fields for 'APR Modeling Type' and 'Comments'. At the bottom, there are fields for 'INSPECTION DATE', 'Inspected By' (with a dropdown), 'Not Inspected Reason' (with a dropdown), and a large 'Comments' text area.

Data Collection Tool