



Calibration

Instrument Calibration Control



Q4 Calibration facilitates the cost-effective management of calibration

Use Q4 Calibration to maintain and control electrical and mechanical equipment that is subject to traceable calibration procedures

This comprehensive system incorporates a wide range of features that facilitate the cost effective management of calibration and servicing procedures

Audit and assessment functions are supported by fully detailed records of calibration history

Logical system organisation matches industry standard calibration and control practices

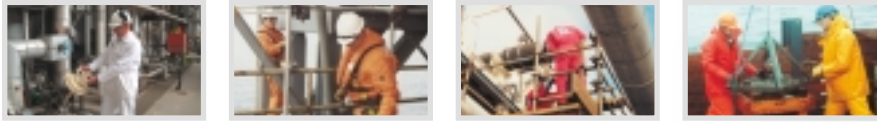
Key Features

- Instrument register management
- Calibration standards control
- Multi-units calibration support
- Test and service procedures
- Pass/fail status criteria
- Technical data sheets
- Movement tracking
- Ownership assignment
- Calibration audit trail
- Configuration audit trail
- Calibration certificates
- Suppliers and contracts
- Comprehensive reporting
- Graphical outputs
- Jig and fixture control





Engica provide project led CMMS, INVENTORY, PROCUREMENT, SAFETY and PERMIT solutions for mission critical ASSET MANAGEMENT.



- Create and maintain comprehensive records of equipment items using the Instrument Manager, with details of equipment items and their cyclic calibration programmes
- Enter calibration and test results for comparison against pre-set Pass/Fail criteria with the fully configurable Results Entry Form
- Audit and review calibration results in the Results History Manager with full details of calibration results in tabular and graphical format
- When instruments are re-located or re-assigned the movement details are entered using the Movement Entry function
- Equipment that is flexible in use and requires differing set-ups is catered for using the Configuration Manager which holds full build standard details for each application
- Additional and specialised technical details for each class of instrument is accessible through the Technical Data Manager
- Control calibration and test activities using the Procedure Manager which provides on-line access to detailed work instructions and environmental requirements
- For out-sourced calibration services use the Contract Manager to maintain details of costs and delivery performance
- Full details of suppliers or sub-contractors who supply, calibrate or service equipment are held within the Supplier Register
- Effective management of suppliers and sub-contractors is assured using vendor appraisal techniques.
- Close the control loop with the reports manager which provides easy access to standard and customised summary and performance reports

Functions include:

Equipment

- Technical Data
- Documents
- Drawings
- Specifications
- Purchase Details
- Statistics
- Configuration Information
- Location

Calibration

- Calibration & Work Procedures
- Calibration Clocks
- Calibration Parameters
- Calibration Results
- Standard to Use
- Sample Sizes
- Multi Unit Inputs & Outputs

Transactions

- Movement Tracking
- Calibration Management
- Configuration Management

Configuration

- Configuration Type
- Build History Data
- Build Standard Definition

Procedure

- Procedure Types & Reference
- Work Description
- Special Conditions
- Safety Precautions
- Skills Required
- Amendment History
- Sub-Contract References
- Resource Expenditure
- Responsible Department

Technical Data Sheets

- Transducer Performance Data
- Library Links
- Functional Description
- Specification Drawings
- Instrument Typing

Calibration History

- Tabulated Calibration Results
- Standard Used
- Secondary Calibrations
- Pass/Fail Recording
- Graphical Outputs
- Error Statistics
- Environmental Conditions
- Adjustments Performed
- Expected & Actual Inputs
- Expected & Actual Outputs

Movements Log

- Movement Tracking & Audit
- Ownership Assignment

Reports

- Standard Reports
- Custom Reporting
- Graphical Output
- Dynamic Group Reporting
- Calibration Certificates

Procurement

- Inventory
- Suppliers
- Contracts
- Appraisal

Vendor Appraisal

- Business Statistics
- Certification Details
- Objective Assessment Criteria
- Audit Flag



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Compatible with Microsoft Operating Systems (Windows 98, NT, 2000 and XP).
Can be accessed remotely using browser and emulator technologies.

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