



Redkite Systems AMS Tests and Inspections



Managing scheduled and un-scheduled tests, inspections, maintenance and servicing.

Activities such as tests, inspections, maintenance and servicing are managed through the AMS Core Module which holds a life long record of all activities undertaken on every asset.

The AMS Core Module also manages all tests, etc. that need to be repeated, prompting users when they become due.

Worksheets.

The AMS Core Module creates and delivers daily or periodical worksheets outlining all scheduled activities and can be customised to match the abilities of the person carrying out the activities.

Worksheets show all activities due and those that are overdue and are designed to be used as check lists with areas for users to enter test outcomes and comments, together with a signature. On completion, the information will be entered into the AMS Core Module via a computer terminal.

On entering the information re-test, inspection or service dates will be set automatically.

Worksheets can be produced for any future period of time to facilitate replacement planning where capital assets will be out of service for, say, scheduled maintenance.

The test and inspection facilities are very flexible.

Test and maintenance activities are defined by yourselves and will include the frequency at which the activity will be repeated: this can either be periodic (i.e. weekly) or based on usage (i.e. 2000 miles / km). There are no restrictions to the number of test types you define and you can set tests to be undertaken on a specific day of the week or date in the month, if required.



Bar code readers.

Hand-held bar code and RFID readers can also be used to record tests and inspections using the **AMS Mobile Companion** software. Daily or periodical worksheets are delivered directly to the reader via the internet and no software needs to be installed on the reader. Test outcomes and related information can be entered directly on the handheld and, on saving, central records are updated instantly.

As each activity is recorded it is removed from the "to do" list. On updating records the date the test is next due is reset automatically.

Nothing is stored on the reader and therefore there is no need to upload or download information. If you have to break off from your work for any reason you simply start where you left off.

The activity is recorded in the AMS Core Module and saved for the life-time of the asset.

Life-long records contain:

- ✓ The date the activity was carried out;
- ✓ What type of activity was undertaken;
- ✓ The person who carried out the activity;
- ✓ The competence held by the person carrying out the activity;
- ✓ What procedures were followed;
- ✓ The outcome of the activity – Pass, or Fail or "Other";
- ✓ Any defects with a brief description;
- ✓ Whether the asset was taken out of service;
- ✓ Any readings associated with the activity;
- ✓ Any related documentation;
- ✓ Where required, details of how the asset was used.

The record also includes all assets movements.



BS EN ISO 9001:2008 certified



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Redkite Systems Ltd is the trading name for Performance Monitoring Systems Ltd