

An Integrated Information and Tracking System for Equipment Control.

## **OPERATION**

- A pre-programmed chip encapsulated in a tag attached to the items of equipment can be read, and information amended or added by a handheld unit, using RFID (Radio Frequency Identification).
- Updated information can be downloaded from the handheld unit into the Flowtag management system using a desktop PC or LAPTOP, which includes additional information concerning each item, including scanned in Certification Documents, Material Certificates etc.
- The Flowtag Manager can also be used to search under various different headings, including Application, Location and other criteria specified by the customer.



## **ADVANTAGES OF USING THE FLOWTAG ACTIVE RFID SYSTEM**

- All of the other proprietary RFID systems currently available operate using standard "passive" RFID tags, which have to be read with handhelds only a few inches away (same as barcodes). The Flowtag system uses "active" tags which can be read up to 100mts if required.
- Gives a full biographical history of the item of equipment, including data selected by the customer, cleaning operations, length of service, material certification etc.
- Allows for the scanning of multiple tags in one single scan, unlike passive tag systems.
- Brings a new dimension into safety issues, by reducing onsite errors.
- Handwritten documentation becomes unnecessary.
- Visible identification of the tag is made simple by the use of flashing LED technology.
- Tags can be attached easily to existing items of equipment in situ, by a simple stainless steel or plastic tie.
- Software can be customized for individual needs.
- Easily accessible maintenance schedules can be downloaded into the handheld.
- More Control over Inventory. (Stock control, Stock Checking).
- ATEX Approved Tags can be supplied.

### **Handheld Unit**



**Type 2 Tag  
(HAD-0-100)  
(Atex Approved)**



**[www.flowtag.com](http://www.flowtag.com)**



**The World's Leading Manufacturer of PTFE Flexible Hose**  
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## EXAMPLE OF MANAGEMENT SYSTEM DATA FOR A HOSE ASSEMBLY,

### ITEM DESCRIPTION PTFE LINED FLEXIBLE HOSE ASSEMBLY

Serial Number	123456
Manufacturer	Aflex Hose LTD
Supplier	Aflex Hose LTD
Invoice Number	123456
Supply Date	07/03/2008
(Hose) Size	1"
(Hose) Type	Bioflex GP/SS
Minimum Bend Radius	60mm
Max Working Pressure	50 Bar
Test Pressure	75 Bar
Customer Tag No	ABC123
Application	Sulphuric Acid
Usage Location	No.4 Building
Initial Test Date	07/03/2008
Test Interval	12 Months
Next Test Date	07/03/2009



**(Red entries can be updated on the tag from the Handheld if required, Black entries cannot).**

FLOWTAG - The system for equipment control, which makes every operation quick, easy, and error free. From equipment test audits to inventory control and management, FLOWTAG provides the optimum solution.

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