



CheckedOK Tagging Guide

CheckedOK works with a wide range of tags - visual, barcode and radio frequency (RFID). But, how do you choose which is right for your application, and what are the possibilities and issue presented by each of the different types of tag? This short guide gives an overview of the various possibilities and identifies some of the most common tags that are readily available either through CoreRFID's on-line shop or by contacting us.

Finding The Right Tag

The CheckedOK inspection and safety certification system uses tags to identify individual items of equipment. CheckedOK can work different tag types. Currently CheckedOK works with:

- Tags showing just a printed identity number
- Barcode labels that can be scanned optically
- RFID tags that can be read electronically

Barcode and RFID tags offer the reliability of automatically capturing the identity of an asset. Automatic asset identification avoids the risk of an inspector mis-keying identity data from a tag that may be worn, torn or oil smeared. The same difficulties can be a reason for selecting RFID over barcoded labels for some application areas, although, barcoded labels are a low-cost way of tagging items. RFID also offers a more robust and reliable option compared to barcode and printed identity numbers, since tags can be read in harsh and dirty environments. Some equipment is now pre-tagged by manufacturers with ISO 15693 standard RFID tags.

Assuming that RFID tags are selected to identify lifting equipment, tackle or other assets, the user is then faced with a wide range of possible tag types. Selecting the best one depends on a number of factors, including the physical environment, the type of equipment they are to be attached to, whether they are to be mounted on metal surfaces (which can affect the performance of tags). Tags also have to be the right size for the job, with an appropriately robust housing (in some cases) and with the right way of being attached to whatever type of equipment is being inspected. RFID tags have the important benefit that they hold a pre-stored unique identifier. Unlike barcoding where duplicate identity codes are not uncommon, RFID tags can be relied on to uniquely identify every individual item of equipment to which they are attached.

Fortunately, CoreRFID is able to help you to navigate the tagging minefield. With relationships with all the major RFID tag and reader suppliers, CoreRFID can advise on the right tags for your application. CheckedOK works with barcodes and printed identification labels too, and can mix identification types, if that is right for you. CheckedOK can even be introduced without having to tag equipment first. Barcode labels or RFID tags can be introduced later if relevant. In every case, CheckedOK lets engineers identify a specific item of equipment quickly and precisely.



RFID tags can be easily read to uniquely identify equipment such as tools, tackle and heavy lifting equipment; it's just a matter of picking the right tag for the job.



The Most Popular CheckedOK Tags

CheckedOK can be used in a range of ways to identify assets for inspection. It can work with either high frequency RFID tags for close-up reading or with UHF tags where data can be read from many tags at once and from a distance of several meters. Tags can be read with hand-held computers, tablets or mobiles, running Windows, iOS or Android operating systems.

CheckedOK also works with the ISO 15693 standard tags often found in manufacturer-tagged lifting equipment.



Epoxy Disk Tag

These tags (in 13, 20 or 30mm diameter sizes) are robust enough for many outdoor applications where a tag needs to be attached to a flat, metal, surface. With a self-adhesive back they are easily and quickly applied to assets. Available in black or white.



30mm Tie-On, Bolt or Rivet Tag

This tag can be used in conjunction with cable ties or can be fixed to an asset by screw rivet or bolt. A low cost and effective way of identifying assets with an electronically readable tag.



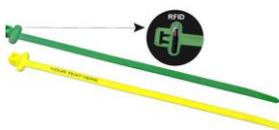
Fob Tags

Keyfob style tags are a popular way of tagging portable equipment and for identifying individuals. They can easily be attached using a key ring to connect them.



Atex Compliant Tags

For applications where equipment must conform to the Atex standard in order to avoid inducing a spark in an explosive atmosphere. This range of tags is Atex compliant to be used in CheckedOK in areas such as petroleum refineries and gas producing or processing plants.



Cable Tie RFID Tags

These tags can be attached to equipment with plastic, metal or customer's own ties, providing a flexible way of tagging many different types of equipment.



Heavy Duty Tags

Tagging lifting gear and tackle requires well protected tags. These metal encased RFID tags have been designed to deal with the challenge of protecting the tag while at the same time allowing its data to be read.



Barcoded Label Tags

The least-cost option for automatic identification uses barcodes. Applied using stick on labels or with codes pre-printed on tie on tags like the one shown here, barcoding can offer a way of tagging low value items.

You can find more tags available from our on-line shop: [see here](#)

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