

TECHNICAL REQUIREMENTS

for the supply of items for foreign materials exclusion control in equipment disassembled for maintenance

1. An item with a built-in hanging scale or a hanging scale that can complement existing tool components, fasteners and other small items.

1.1 Description of the current condition

Maintenance and repair activities for disassembled equipment with high cleanliness requirements are carried out under 'Special Regime' conditions. The system for FME (KHCH - in Bulgarian and FME in English) during repair activities in disassembled equipment, has a feature that can track all tools, consumables, spare parts, fasteners, etc. (items) described in a pre-generated 'List'. The List shall contain an exact hand-written description of the name, marked number and number of pieces for each item located in a case, bag or other package. The packing of cases, bags and other packages varies, i.e., a fixed space option for each item is not applicable. The items are inspected at the entrance and exit of the restricted access areas. Using this method of inspecting items by entering their description in a list requires repeated manual counting of small items, including those that are technically impossible to mark. The names and number of pieces of items that cannot be marked (from a technical perspective) shall be included in the list.

1.2 Objective

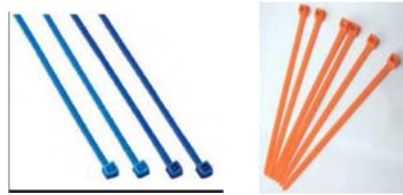
The objective is to increase the efficiency of inspecting contents in a particular package with tools and other small items by implementing a scale for measuring (without showing values on a display) the case, bag or other package contents.

1.3 Technical requirements of the items sought

1.3.1 A portable case, box, bag or other of standard dimensions for hand-carrying with a built-in hanging scale or a separate hanging portable scale, such as the ones used at warehouses, and which can be used with standard hand-carrying packages designed for tools, small fasteners or other items. A protective mechanism shall be provided to prevent damage to the tensometric component during transportation.

1.3.2 The hanging scale shall have a light signal which activates when the display is set to 0 with the current weight in the case and a separate light signal, which is activated if there is a deviation from the measured current weight with an accuracy of $\geq 0,1g$ and 1 to 10 kg measuring range. The hanging scale should have the ability to capture ID information about the works, carried out on specific equipment (e.g., equipment technological position or number of the document, which is used to carry out the works) and to save all actions for the entire period of equipment repair. The hanging scale should have the ability to be set to 0 multiple times when the current weight is changed throughout the repair of specific equipment identified at the beginning of the repair activities, while at the same it should be able to save and retrieve all information by date/hour and by step and send it to a basic software after the work activity has been completed.

- 2. Cable ties of various sizes made of polyamide or polyethylene, which are of bright colours, can float when dropped in water and are resistant to chemical and mechanical impact.**



- 3. Safety straps for glasses. Pen and pencil lanyard holders. Lanyard holders for portable flashlights. A lanyard holders or safety device against the accidental fall of a tool or other item from a worker's hand while performing work activities.**



4. Pens made of polyamide or plastic with bright colours, which can float when dropped in water.



- 5. Plastic or polyamide thread of bright colour, floatable (when dropped in water), designed for hanging signs and delivered wrapped around a spool for fastening through the holes in the sign. The length of the thread should be adjustable depending on the size of the sign.**

6. Barriers with tape, cones and automatic retractable tape mechanism. The tape should be of bright colour (electric orange, for example) and with enough area to place a label reading: ‘WARNING! SPECIAL REGIME!’ The tape shall be resistant to cleaning products and of the required strength.



Note:

In order to achieve the desired result, it is acceptable to offer other types of items.