

**SPECIFICATIONS AND TESTING PROCEDURES
FOR
HAND-HELD METAL DETECTORS**

1.1 It is recommended that a Hand-Held-Metal-Detector (HHMD) should meet the following specifications:

- (a) It should operate on the beat frequency oscillator or pulse principal.
- (b) It should be used in accordance with manufacturer's instruction, be capable of consistently detecting firearms, components of firearms, restricted articles with metallic content, metallic detonators, rounds of ammunition and other potential weapons with metallic content.
- (c) It should be capable of detecting different types of metal.

1.2 A simple operational check for HHMDs is as follows and should be done on a regular basis:

- (a) ensure that the battery is well charged;
- (b) place a coin in a non-metallic container of known depth; and
- (c) pass the HHMD over the mouth of the container and notice whether there is an alarm indication;

1.3 If the HHMD fails the test, a check should be made to ensure that the battery is well charged and then the test should be repeated. If it fails the test again, then it is an indication that the unit is not functioning properly and it should be withdrawn from service.