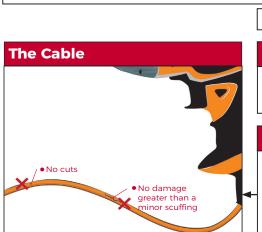
## **Rental Equipment Test Procedure**





Class I

**Either:** "Hard" Test - a measurement made with a maximum of 25A for a period of

Or, "Soft" Test - A measurement made with a maximum of 200mA. There is no defined

period but adequate time should be taken

0.1 (+R) Ohms, where R is the resistance of

to flex the cable to ensure there are no

internal breaks in the earth conductor.

## Start

### Visual Inspection

#### **Plug Top**

- Wired correctly
- Correct fuse fitted
- Terminal screws tight
- No damage to insulation

#### **Mains Cable**

- No cuts
- No serious abrasions
- Correct size of cable fitted
- Right number of conductors
- 3 core Class I or 2 core Class II Correct colour (yellow 110V) Cable gland, if fitted, not perished
- Wiring labels fitted

#### **Outer Case**

- No damage to case
- Moving parts are free
- No hazardous modifications
- Cable grip in power tool firm Rating plate fitted and visible

#### **Switch on Item Under Test**

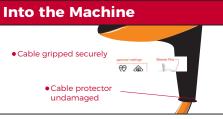
\*If not possible , see leakage test guidance

#### **Check Rating Label For Class**

**World Class Hire Equipment** 

**Testers** 

## The Plug ♡ (A\$A)



Class II

#### Flash

Minimum 2500V.

Normal fault limit recommended when the current flow exceeds 5mA. However this may be increased in line with manufacturer's guidelines.

#### Insulation Resistance

A test voltage of 500V or 250V, where suppression devices such as surge protection exist.

A pass is greater than 2 MOhms.

#### Touch Leakage

A test voltage of 500V or 250V, where suppression devices such as surge

A pass is greater than 2 MOhms.

protection exist.

#### **Load Function**

At operating voltage displaying the load current for comparison.

Note - load and leakage testing measurements may be taken at the same time by some test equipment

5-20s.

Minimum 1000V

any supply lead.

Earth Bond

Normal fault limit recommended when current flow exceeds 5mA. However this may be increased in line with manufacturer's guidelines.

#### Insulation Resistance

A test voltage of 500V or 250V, where suppression devices such as surge protection exist.

A pass is greater than 1MOhms.

#### Leakage

At operating voltage. Leakage of less than; 0.75mA for handheld equipment 3.5mA for other equipment 0.75 or 0.75 per kW, whichever is greater to maximum of 5mA for Class I heating equipment

\*This test can be applied as an alternative to Flash and insulation Resistance tests when device under test has a safety circuit or No Volt switch exists that cannot be bypassed.

#### **Load Function**

At operating voltage displaying the no load current for comparison.

Note - load and leakage testing measurements may be taken at the same time by some test

# SafeCheck 8

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#### **Record Test Data**

B255

- Record serial number
- Record model number Log all test results
- Record test date
- Label pass or fail

**Turn Off Item Under Test** 

Finish

