

# Joint Action 2016

## Power Tools

### Impact Drills activity

#### KEY STATS

**100**  
products tested

**9**  
EU Market Surveillance Authorities + TURKEY

**14%**  
non-compliances

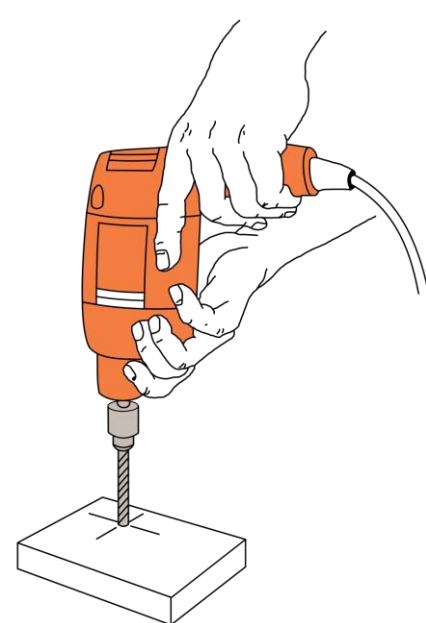
**1**  
serious risk notification via EU Safety Gate

Impact drills became the top priority in 2016 and have been integrated in the JA2016 work programme considering that **12** products had been reported as posing a serious risk since 2007.

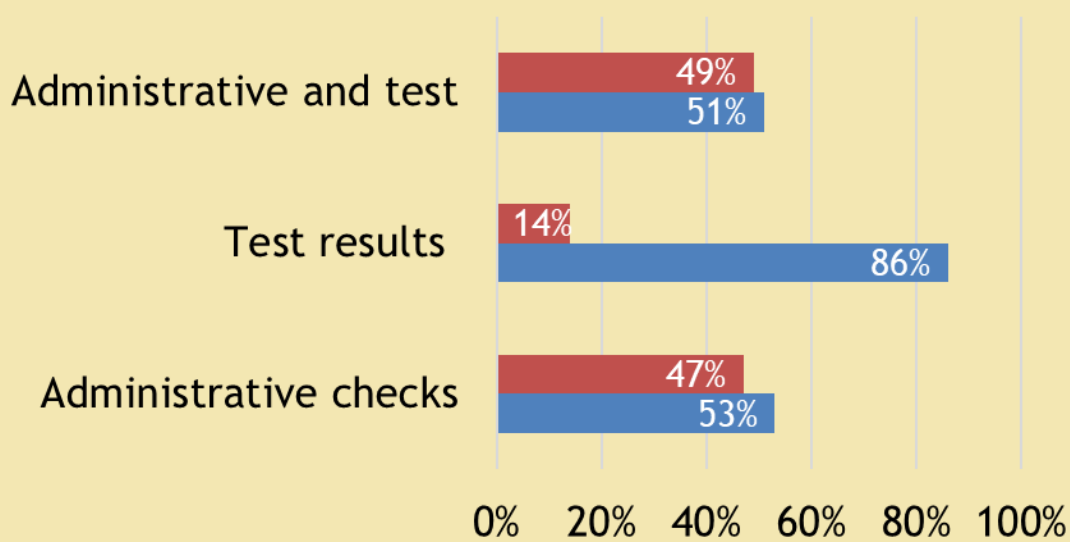
One particular source of risk associated with power tools, and impact drills implicitly, is **the migration over the years of professional equipment into the consumer market**. Professional equipment often being more powerful than its consumer equivalent (thus able to inflict more serious injuries) is intended to be used by professional staff that has been trained and has to be supervised in its use.

#### Types of hazards identified

- ▶ Mechanical hazards
- ▶ Inadequate mechanical strength failures
- ▶ Lock on device failure
- ▶ Lacking markings, instructions or safety warnings



#### Percentage non-compliance of impact drills within the 100 samples



#### The Results

The results showed that a couple of products presented **serious risks** (risk of electrocution due to broken enclosures), while some presented **medium risks** due to static stalling Torque or Slip torque of clutch mechanism failure.

#### CONSUMER ADVICE

- ❖ Always read users instructions and keep them for future reference.
- ❖ Wear personal protective equipment.
- ❖ Never use an impact drill if it is damaged or has a broken body and access to the live parts is possible.

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