



THE EUROPEAN FEDERATION OF ASSOCIATIONS OF LOCK AND BUILDERS HARDWARE MANUFACTURERS  
ARBEITSGEMEINSCHAFT DER VERBANDE DER EUROPÄISCHEN SCHLOSS - UND BESCHLAGINDUSTRIE  
FEDERATION EUROPEENE DES ASSOCIATIONS DE FABRICANTS DE SERRURES ET FERRURES

# Implementation of EN standards in The Netherlands

ARGE Conference, Helsinki, June 2004

WG C – Standardization

**Jan Willem van der Wal, Ankerslot B.V.**

# History

- **NEN 5089** since 1984
- **Standard includes all builders hardware**
- **Classifications:**
  - **Standard security** ★
  - **Heavy security** ★ ★
  - **Extra Heavy security** ★ ★ ★

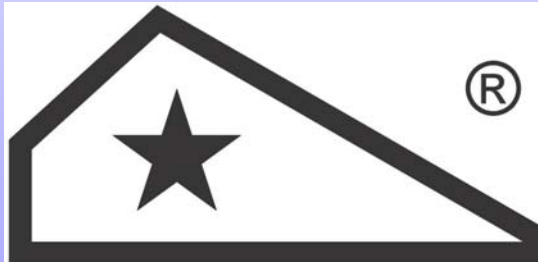
# Testing and marking

- **SKG is notified body**

**SKG, is also certification body and owner of the certification marks;**



**Standard**



**SKG**

**Heavy**



**SKG**

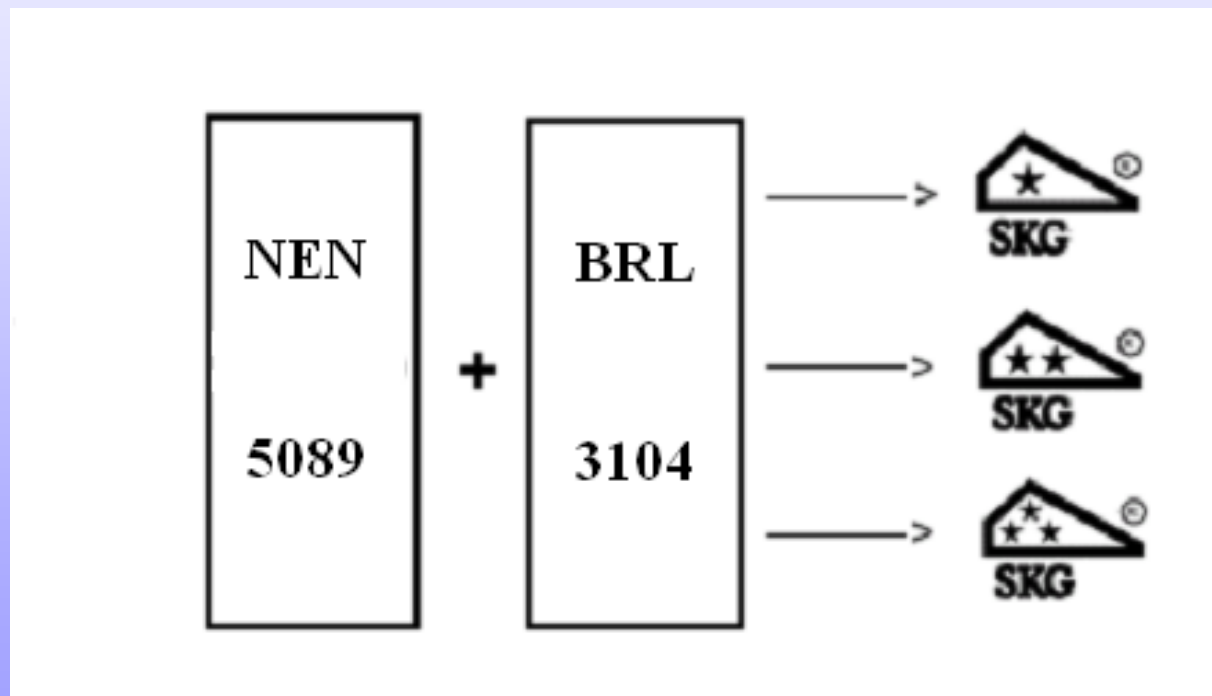
**Extra Heavy**



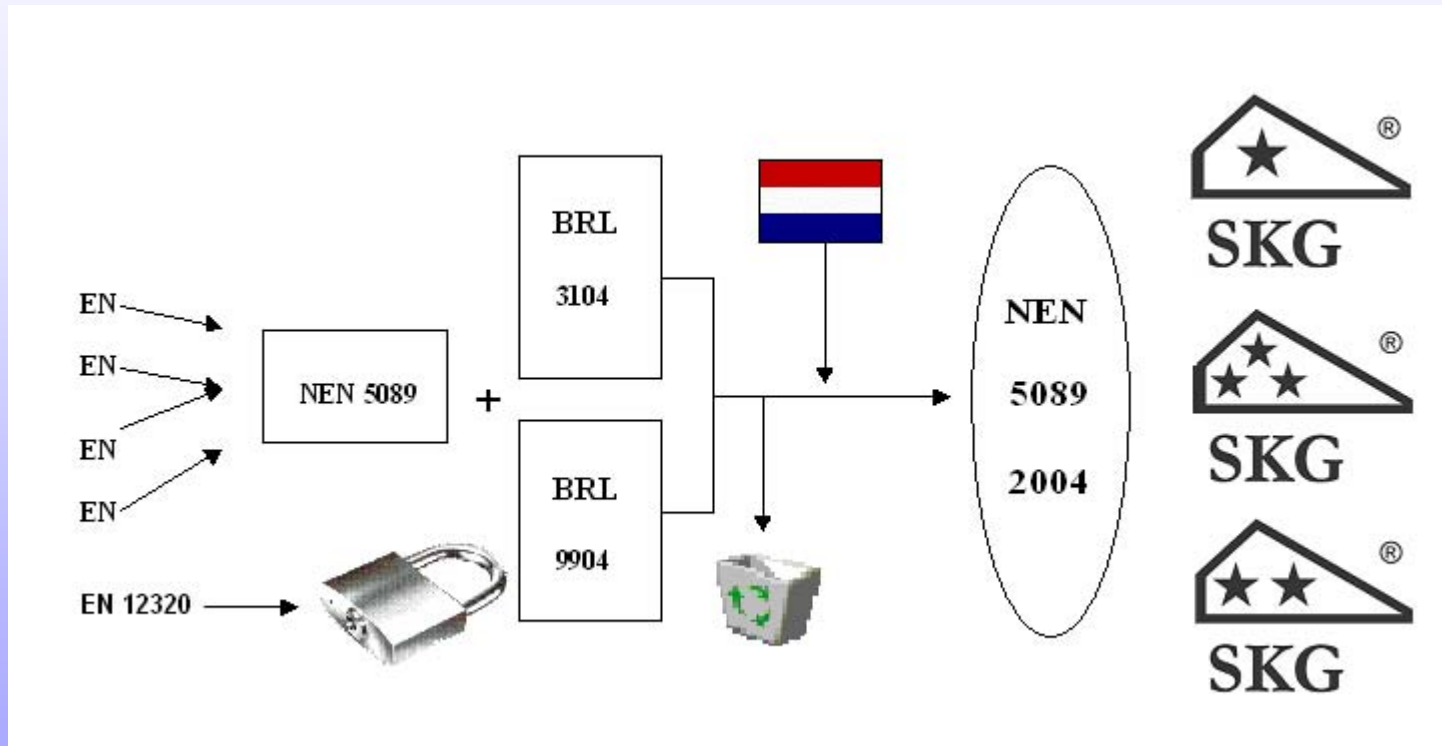
**SKG**

# Situation 2003

- Since 1997 additional manual tests on top of NEN 5089, **BRL 3104**


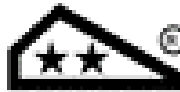



# Implementation of EN-standards



# Example I

- EN 1303 cylinders
  - Cylinder plug pulling
- NEN 5089 2004
  - Cylinder plug pulling

EN 1303	4	5	6
	15	15	15
NEN			
	SKG	SKG	SKG
	-	-	15

# Example II

- EN 1303 cylinders
  - Attack resistance: picking! **no requirement**
- NEN 5089 2004
  - Picking; **Design related measurements**

10 - 19 points



20 – 29 points



30 or more points



# United Europe

United???



Thank you

