

## Country report for Norway

**74%**

Criteria	Question	Weight	Score
Standards & rules	Are standards and rules in place?	10	Fulfilled
Answer: Yes, the national wiring regulation FEL refers to the Norwegian standard NEK 400 (based upon CENELEC HD 384/60364) as one way to fulfil the regulation.			
Initial verification	Is an initial inspection required?	10	Fulfilled
Answer: Yes, usually performed by the electrician/installer			
Periodic inspection	Is a periodic inspection required?	7.5	Partially fulfilled
Answer: No, but it is recommended according to NEK 400-6-62. The standard recommends intervals from 4 to 10 years depending on the type and the complexity of the installation.			
Inspection report	Must there be proof of the inspection by the delivery of an inspection report?	5	Fulfilled
Answer: Yes, the report itself is the proof.			
Inspection for existing installations	Is there a mechanism for inspection of existing installations?	10	Partially fulfilled
Answer: The authorities through the local electricity supervision, shall supervise electrical installations every 10 years or so.			
Inspector	Must the person carrying out the inspection be a qualified inspector?	7.5	Not met
Answer: No			
Electrical contractor or installer	Must the electrical contractor or installer be a qualified person?	5	Fulfilled
Answer: Yes, after being approved by the authorities they have to pass a comprehensive test.			

Role of utilities	Does the electric utility only connect the installation after having received a positive inspection report?	10	Fulfilled
Answer: A correctly performed verification includes function testing, measuring of short circuit and other conditions that require presence of voltage. The utility connects the installation when the installer is ready to perform the verification.			
Consumer education	Are consumers educated on the dangers of electricity?	5	Fulfilled
Answer: Local electricity supervision all over the country are regularly visiting schools to perform teaching programs regarding electrical safety. The documentation following an electrical installation in dwelling includes a "user manual". This manual is supposed to give instructions how to maintain the installation in a safe way.			
Regulation	Is regulation in place that imposes standards for electrical installations and initial verification?	5	Fulfilled
Answer: Yes, FEL (regulation on electrical installations) refers the standard NEK 400.			
Labelling and certification	Are products in the market adequately labeled for electrical safety, and is this labeling system understood?	5	Partially fulfilled
Answer: All electrical products are labelled and the product is followed by a user manual, mainly in Norwegian. But is it read.			
Role of manufacturers	Do manufacturers actively engage for electrical safety in the marketplace?	5	Fulfilled
Answer: EL-loftet is a collaborative forum for electrical contractors, manufacturers, importers and wholesalers in the electro technical industry.			
Market surveillance	Is there adequate action on market surveillance from the authorities?	15	Partially fulfilled
Answer: DSB (Norwegian Directorates for Civil Protection) is among other things responsible for control of electrical products and consumer services.			