

Presentation on EU/UK product conformity requirements for industrial goods to the Export Promotion Bureau and other stakeholders Dhaka, Bangladesh- part 5

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Conformity Assessment Expert, 12 Nov. 2023



bsi.

Presentation contents

1. National Quality Infrastructure (NQI)
2. European Union-New Legislative Framework (NLF) on product conformity for industrial goods
3. Case study I of NLF: Low Voltage Directive (LVD)
4. Case study II of NLF: Construction Products Regulation (CPR)
5. UK product conformity requirements for industrial goods

About Brexit



"UK Conformity Assessed" mark

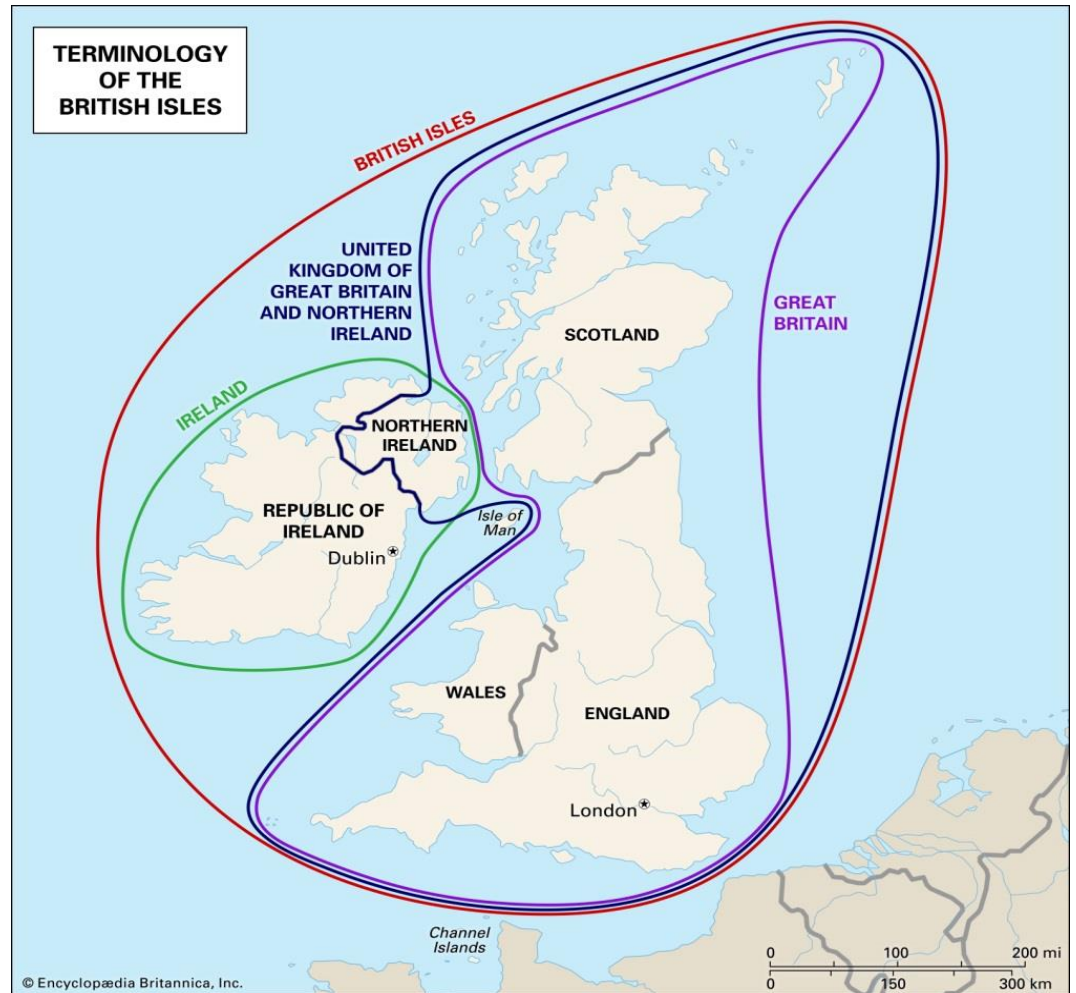
- CE Marking has applied to products supplied into the UK since the 1990's...
- The UK left the European Union on 31st January 2020
- UKCA marking has come into force in Great British (GB) from 1st January 2021
- CE marking will be recognized in GB until 31 December 2024*

** More on this later*

Geography Lesson

Regulatory zones:

- Northern Ireland (NI)
- Great Britain (GB)
- United Kingdom (UK)



Source: Encyclopædia Britannica

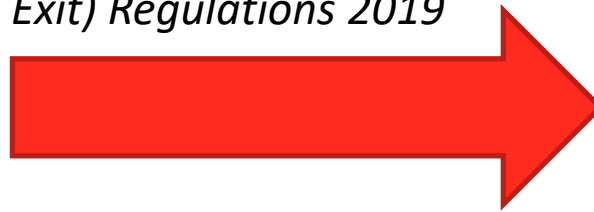
The requirements for conformity



EU Directives & Regulations

- Low Voltage
- EMC Directive
- Gas Appliances
- Pressure Equipment
- Energy Related Products
- RoHS
- PPE
- Construction Products
- Marine Equipment
- etc.

*The Product Safety and
Metrology etc.
(Amendment etc.) (EU
Exit) Regulations 2019*



"The Great Repeal Act"



UK Regulations

Initially the UK and
EU requirements
remained identical
from a technical
perspective...

The key differences (at present)...

EU Directives & Regulations



UK Regulations



Many EU regulations require the use of an EU appointed **“Notified Body”** to perform product inspections and/or conduct factory quality inspections as part of the attestation process.

UK regulations have the same requirement but this activity now must be performed by a UK-appointed **“Approved Body”** such as BSI

UK Market Conformity Assessment Bodies



UK Regulations (*mirrored*)

- EMC Directive
- Gas Appliances
- Pressure Equipment
- PPE
- Construction Products
- Marine Equipment
- Etc.

UKMCAB database



<https://find-a-conformity-assessment-body.service.gov.uk/>

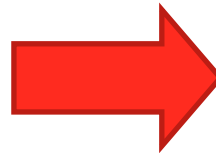
What is there?

- Conformity assessment bodies by:
- Body type – Approved Body
- Locations
- Legislation

Overview



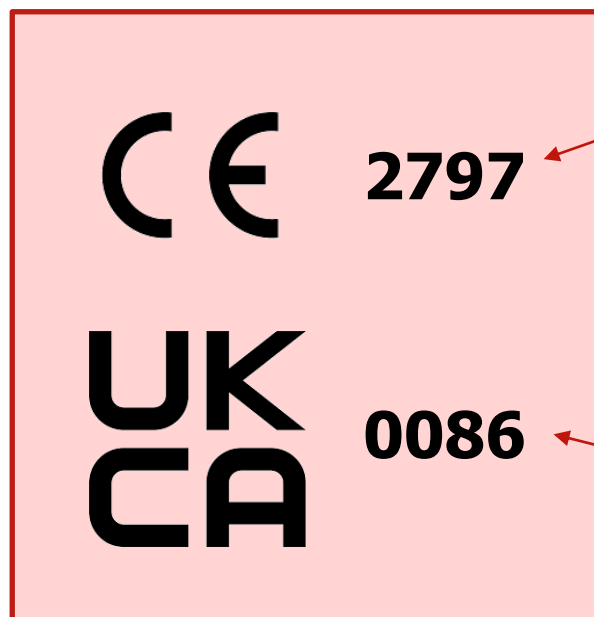
Affixing the CE
Marking to a product
declares compliance
with all relevant EU
Directives/Regulations



Affixing the UKCA
Marking to a product
declares compliance
with all relevant **UK**
Regulations

Markings can be combined...

UKCA Mark may be combined with the CE Mark if needed for both EU & UK markets



BSI Netherlands
"Notified Body" number

BSI UK "Approved Body"
number

Indefinite extension of CE marking recognition for some* products

On 1 Aug. 2023 the UK government announced the extension of recognition beyond December 2024. This update apply to the UK regulations on:

- toys
- pyrotechnics
- recreational craft and personal watercraft
- simple pressure vessels
- electromagnetic compatibility
- non-automatic weighing instruments
- measuring instruments
- measuring container bottles
- lifts
- equipment for potentially explosive atmospheres (ATEX)
- radio equipment
- pressure equipment
- personal protective equipment (PPE)
- gas appliances
- machinery
- equipment for use outdoors
- aerosols
- low voltage electrical equipment

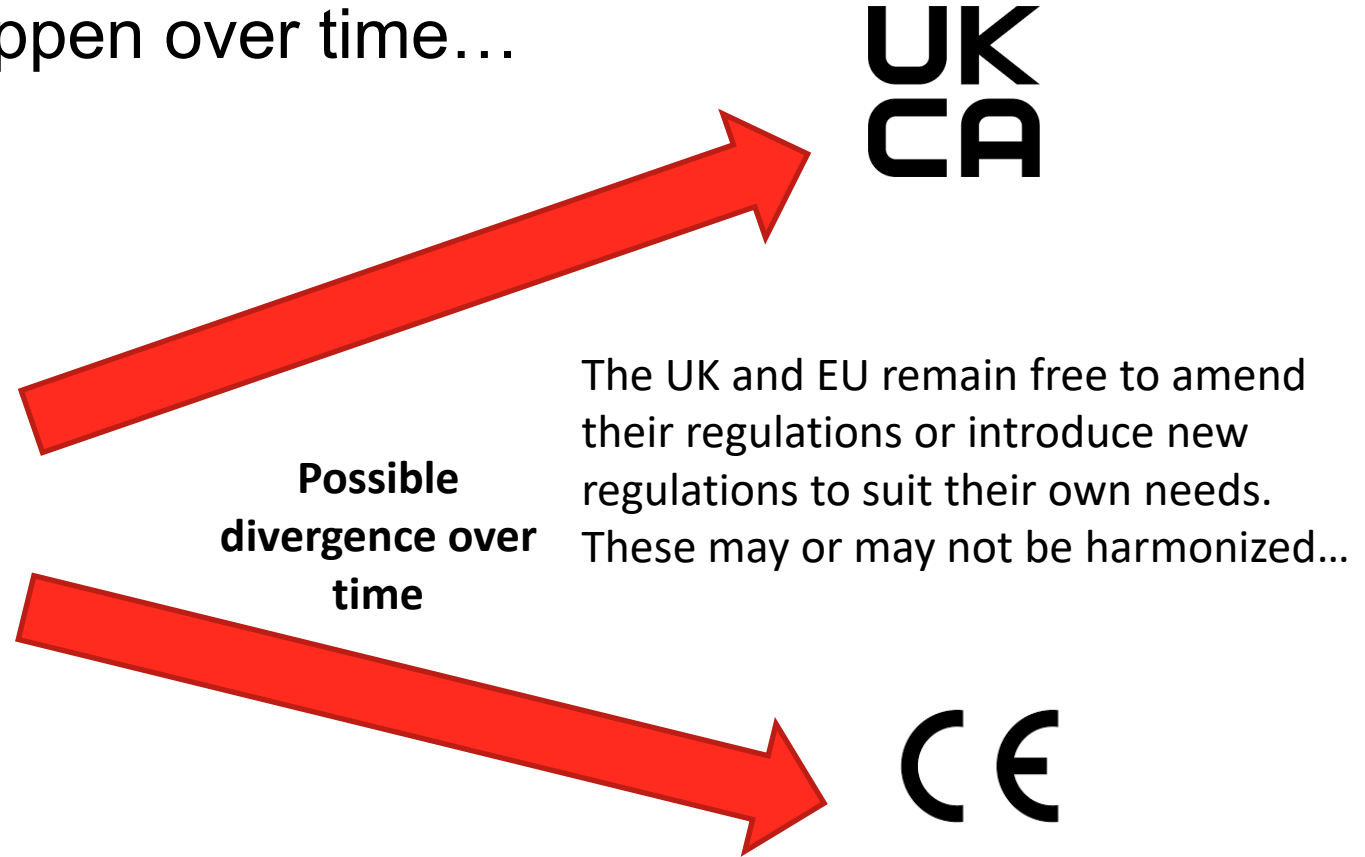
** There are different rules for: medical devices, construction products, cableways, transportable pressure equipment, unmanned aircraft systems, rail products, marine equipment and ecodesign*

Placing Products on the NI Market



- The Ireland/Northern Ireland Protocol is in force since 1st Jan. 2021.
- Goods placed on the market in NI will need to meet relevant EU rules.
- The CE marking will be accompanied by the UKNI marking when assessed by a UK Approved body.
- The UKNI is never applied on its own. It always accompanies the relevant EU conformity marking.
- The UKCA marking alone will not be valid for the NI market.

What might happen over time...



Summary

- All UK Notified Bodies became UK Approved Bodies from 1 January 2021
- For the EU we have Notified Bodies and for the UK we have Approved Bodies
- Notified Bodies are listed on NANDO and Approved Bodies are listed on UKMCAB
- Existing EU legislation and scopes have *initially* been mirrored for Approved Bodies
- Former UK Notified Bodies may have an EU Notified Body within the structure of their organization
- The harmonized EN standards have *initially* been mirrored in the UK designated standards (*minor differences already present*), see <https://www.gov.uk/guidance/designated-standards#references-of-designated-standards>
- For many product categories, CE marking will be accepted in the UK beyond 31 Dec. 2024

Any questions please?

Discussion on any related issues of interest to the participants will follow

Acknowledgements

The slides

- on personal protection equipment in part 2 of the presentation and
- in part 5 of the presentation

are adapted with his kind permission from a presentation made by Mr. Graham Clements (retired from BSI), Independent Compliance Consultant, BSI Associate Consultant.



Thank you!

- For your patience
- For your participation
- For sharing your knowledge and experience