



EUROPEAN
SPALLATION
SOURCE

CE Marking Within NSS

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European Spallation Source ERIC

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Conformity to European Directive



- Required for all systems which fall under at least one of the European Directives.
- For TG3 we are requesting the CE checklist (ESS-0145018) to make sure the correct directives have been identified and the team is aware of the deliverables
- For TG3 we are requesting documentation that is also part of the CE documentation. This makes us see that the instruments are on track
- CE-marking cannot be formally affixed until TG5/SRR, handover of instrument to ESS
- Not only instruments need this, but also internal NSS developed systems.

Internal ESS systems needing CE-marking

- Instruments
 - NMX
 - Test Beam Line
- Sample Environment Equipment
 - Pressure cells
 - Equipment for magnetic fields
 - Furnaces
 - Cryos
 - ...
- Instrument Technologies
 - Motion Control
 - Choppers
 - Detectors
 - ...

- Identifying the correct directives and standards to be applied
- Covering the whole scope, setting limits for the component
- Time resources, especially when the design matures or is changed
- Concrete suggestions on HOW the directives and standards apply, not just the WHY
- When to implement it for internal systems (instruments have TG)

- In talks about hiring a consultant for 2 days/week to help NSS with internal projects
- Concretise our needs to maximise the use of the consultant
- Some institutes provide Q-assistance for their instrument projects.
 - Raises the level and awareness of their delivery
 - Challenges NSS and helps us better our information and requirements – opens up for a dialogue