

## Transformer sub-components qualification

A2 PS3 Q1: How should qualification of subcomponents be dealt with? Is it desirable to leave it to the manufacturer or should the user keep a close eye on the matter? How should maintainability, repairability or interchangeability be taken into account?

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## Transformer sub-components qualification

- Transformer sub-components qualification should be dealt with by both the manufacturer and the user.
- The user compiles each sub-component specification, taking into account;
  - fit for purpose and reliability to the expected life.
  - Spares and interchangeability requirements
  - Maintenance philosophy

## Transformer sub-components qualification process

- The manufacturer ensures that the sub-components are as per user requirements (specification)
- These are usually dealt with during design reviews (electrical and mechanical).
- For some sub-components, special tests can be conducted for qualification purposes.
- These can be dealt with by the user and the sub-component supplier.
- The transformer manufacturer should assess and qualify the sub-supplier facilities.

Thank you for your attention !