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### Abb Transformer Maintenance Manual

Transformer service. Maintenance. Maintenance. Maintenance can either be time based or condition based, depending on the service strategy selected. The time based maintenance is carried out at predetermined intervals of time or on the base of prescribed criteria and aimed at reducing the probability of failure or the working deterioration of ...

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If this is going to be used as a spare transformer (in Stand-by), it will have to be preserved always in the best conditions. Therefore, its maintenance must be equal to the transformer in service; special care must be taken in monitoring the condition of the oil. The templates are intended to harmonize the visual impression of ABB Documentation

### 1ZCL000002EG-EN User's Manual - library.e.abb.com

• The transformers to be used outdoors must be stored whenever possible indoors. • The base or the platform for the storage of the transformers must be sufficiently resistant as to withstand its weight and be perfectly flat. • If the transformer is going to be stored outdoors, make sure that the area for storage has a good drainage system.

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the Manuals and Standards development program. The authors gratefully acknowledge the assistance of all who contributed. Hydroelectric Research and Technical Services Group Denver, Colorado ... Transformers: Basics, Maintenance, and Diagnostics . Transformer. the = = = = =

### Transformers: Basics, Maintenance, and Diagnostics

contacts, check manual control and interlock Lubricate the bearing. Replace burnt or worn contacts. 12 Quarterly Bushings Examine for cracks and dirt deposit Clean the dirt. If cracked or broken replace the bushing. 13 Quarterly Oil in transformer Check for dielectric strength and water content Take suitable action to restore quality of oil. 14

### MAINTENANCE INSTRUCTIONS FOR POWER TRANSFORMERS

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### OPERATION & MAINTENANCE MANUAL FOR OIL FILLED DISTRIBUTION ...

46 7.2 Choice of transformers based on energy losses and efficiency 46 7.3 Efficiency requirements and classes for transformers 49 7.4 Selection criteria for transformers based on capitalization of the losses 49 7.5 Example of a transformer for a transformation substation 51 7.6 Level of noise in the transformers