

STANDBY GENERATOR – OPERATION, MAINTENANCE AND TROUBLESHOOTING

OVERVIEW

Standby generator is essential equipment, normally installed at any premise which acts as an alternative power source supply in case the normal power supply (TNB) fails. Normally it is left unattended, and operates automatically during the failure of normal power supply.

It is static equipment, usually reliable but unexpectedly may give problems if it is not being maintained using appropriate procedures as required. It needs special attention in terms of close supervision, operations, testing, maintenance and troubleshooting. Failure of the standby generator to operate when there is a power supply interruption may disrupt the smooth operation of productions/industries/businesses.

TARGET MARKET

Technical personnel (Manager, Engineer, Supervisor, Chageman, Technician etc. Who are directly or indirectly involve in the operation and maintenance of electrical installation equipped with standby generator.

OBJECTIVES

- To enhance the operation, maintenance and troubleshooting of standby generator
- To reduce downtime due to failure of standby generator
- To ensure smooth operation
- To minimize cost of maintenance

COURSE OUTLINE

- Introduction
- Basic generating system
- Generator components and their functionalities
- Testing
- Types of faults
- Maintenance

SBL CLAIMABLE



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