

COMPARING PARTIAL DISCHARGE TESTING METHODS:



ON-LINE VERSUS **OFF-LINE**



Performed while equipment is energised at normal operating conditions



Performed while the equipment is disconnected

High levels of noise often mean advanced tools with noise rejection functions are required

Useful for locating defects as noise levels are considerably lower due to the system being offline

Non-destructive testing performed at operating voltage resulting in no adverse effects on assets

Often used in acceptance testing on newly installed cables, as well as stress testing assets

No interruption of service and production, minimising cost

The equipment must be taken offline and out of service whilst testing is conducted

Both online and offline methods form part of a successful asset management programme. By combining different technologies, you can ensure optimal equipment condition and minimised equipment failure and power outages

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