



SEAWARD
ELECTRICAL SAFETY TESTING
& MEASURING.

Why is I-V curve tracing important?

Once a circuit breaker has been tested, the I-V curve tracing procedure should be carried out. The I-V curve tracing procedure is a test that is carried out on a circuit breaker to determine its ability to carry its rated current under fault conditions. The test is carried out by measuring the voltage drop across the circuit breaker contacts during a fault current flow. The resulting I-V curve is compared to the manufacturer's rating curve to ensure that the circuit breaker is capable of carrying its rated current under fault conditions. The test is also used to identify any degradation in the circuit breaker's performance over time.

If you require more help, please contact us at <https://www.seaward.com/gb/enquiry/>.