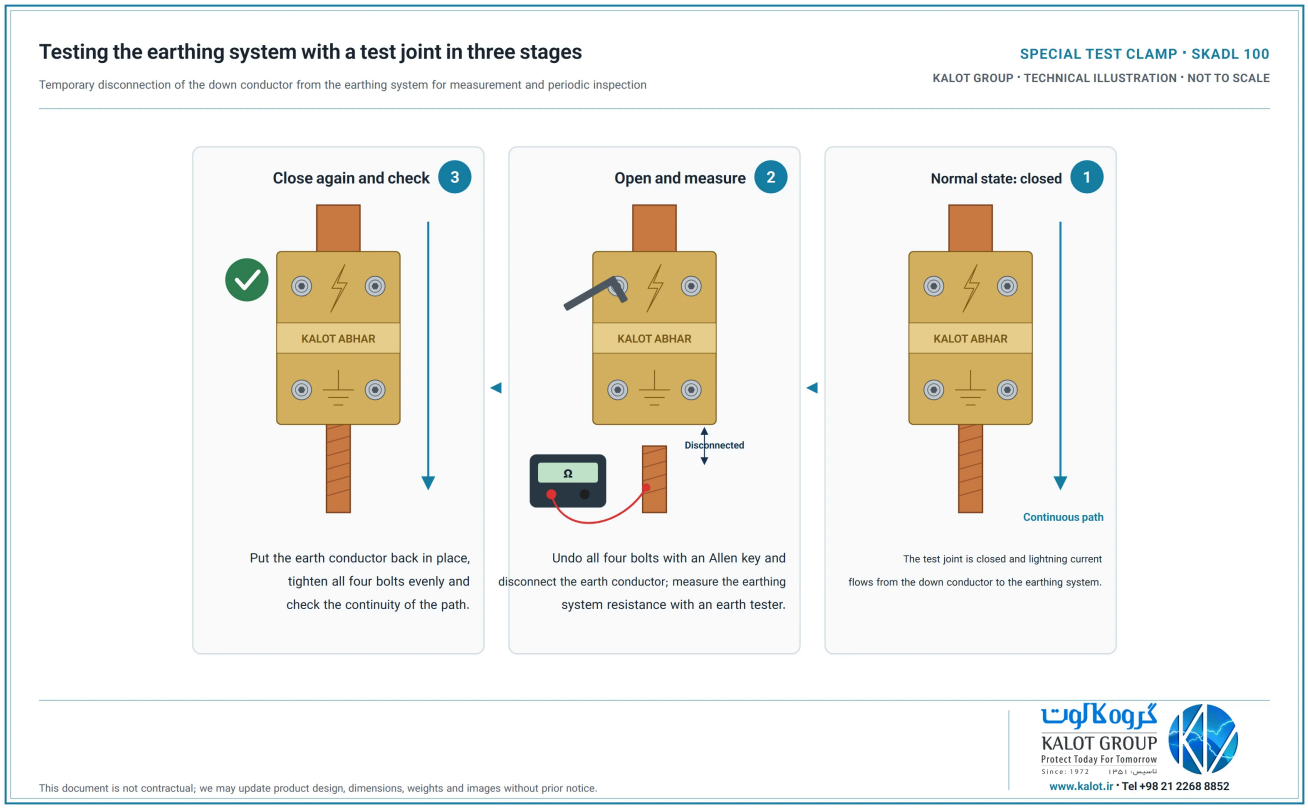
Testing the earthing system with a test joint in three stages

Temporary disconnection of the down conductor from the earthing system for measurement and periodic inspection



Technical illustration, not to scale. The stages run from right to left.

The three stages

1 Normal state: closed

The test joint is closed and lightning current flows from the down conductor to the earthing system.

Continuous path

2 Open and measure

Undo all four bolts with an Allen key and disconnect the earth conductor; measure the earthing system resistance with an earth tester.

Disconnected

3 Close again and check

Put the earth conductor back in place, tighten all four bolts evenly and check the continuity of the path.

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