

# DS Cell Checking Device

## Background

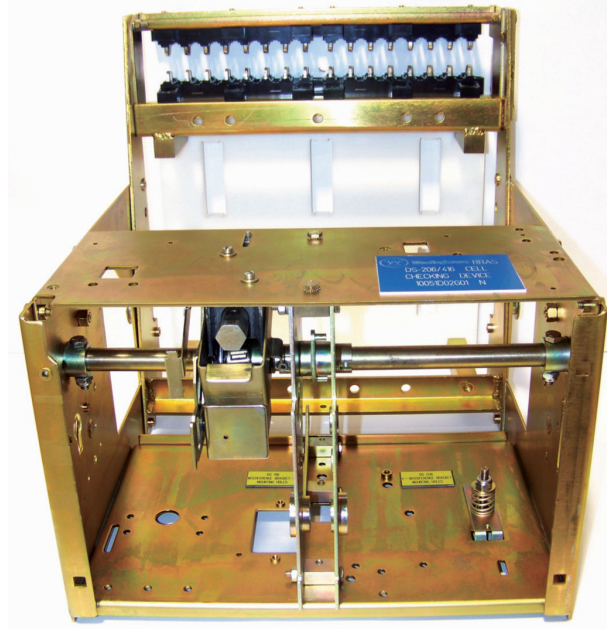
Westinghouse provides DS low-voltage (LV) circuit breakers and switchgear to nuclear plants around the world. While the industry has increased its emphasis on breaker maintenance over the past decade, not as much attention has been given to switchgear. Over time, cell degradation can occur.

## Description

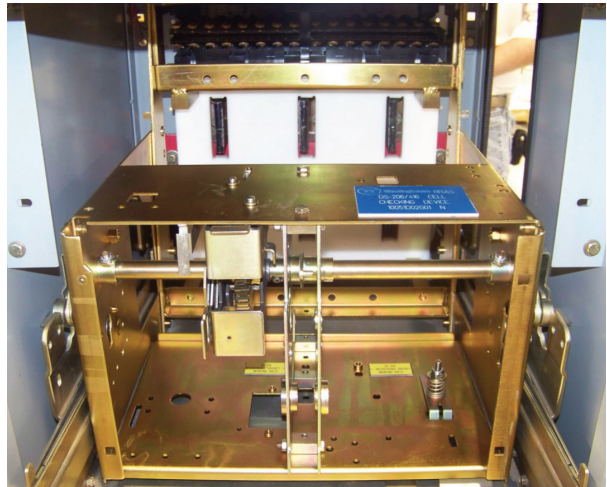
The cell-checking device (part number 10051D02G01) has no safety-related function, but this tool helps provide proper breaker-to-cell component engagement, main and secondary contact alignment, and breaker-to-cell rail interface of Class 1E nuclear safety-related and non-Class 1E DS 206/DS-416 circuit breakers.

## Benefits

The new DS cell checking device immediately provides evidence that reveals whether a cell structure needs maintenance or possible parts replacement.



DS cell-checking device



DS cell-checking device installed in cell

## **Experience**

- Westinghouse provides cell structure replacement parts as listed in Renewal Parts Data Bulletin, RPD RCS/PS 11 060/08.
- With its extensive nuclear power experience and access to the original nuclear plant design documents, Westinghouse has built new DS cell-checking devices for several power plant operations.
- Westinghouse retains exclusive rights to the original design and qualification documentation associated with Westinghouse-designed plants.