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# ABB DRIVE SERVICES

# Drive Stress Check

# Service product description

The Drive Stress Check service identifies and measures the stress status of the installed drive caused by harsh environment or heavy-duty application. The service provides data also on the current condition of the drive.

Advanced recommendations will be reported accordingly to reduce the stress factor and gain operational reliability. The work is carried out by a local ABB-certified engineer during normal production time.

**Value to customer**

* A professional survey reveals information about the current situation of the investigated drive, especially in respect of accelerated ageing or wearing effects.
* Increased reliability and technical lifetime of the drive application by lowering the stress level according to survey recommendations
* Experience and understanding to be shared later in similar instances and applications

**Service includes**

**Preparation for work**

* Checking the drive data in the ABB installed base; previously unregistered drives will be registered
* Collecting local process, maintenance, and diagnostic information

**On-site inspection and data acquisition**

* Two separate visits by a local ABB service engineer
* Risk assessment
* Assembling and later disassembling of data acquisition units without shutdowns
* Automated data collection over a four-week period, from environmental conditions and the drive unit itself
* Sensory inspections of the environment and the application

**Follow-up**

* Detailed analysis report (PDF) of the survey including stress analysis, maintenance recommendations and prospective operational advice to improve machine or process reliability

**Service does not include**

* Repair work
* Any update or upgrade work
* Application engineering
* Spare parts

**Product coverage**

* The Drive Stress Check service is available for ACS800 and ACS880 single drives and multidrive modules in life cycle phase Active.

**Customer responsibilities**

* Provide sufficient details about the technical inquiry.
* Ensure the safety of the working area.
* Ensure free access to equipment for maintenance work during the inspection.
* Provide qualified electricians if assistance is required.

 **Other terms**

* Accordingto the agreement between ABB and the customer

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