

Service Bulletin SB 2020-03

Addressed to technical service managers.

Topic: Periodic checks

Per the belonging maintenance manual, dispensers from Dover Fueling Solutions (DFS) are constructed in conformity with the requirements of all the applicable European Directives (Machinery 2006/42/EC; EMC 2014/30/EU; ATEX 2014/34/EU, etc). Dispenser are certified by an EU notified body (SIRA, CML, etc) as suitable for use in Potentially Explosive Atmospheres Directive 2014/34/EU and marked to be in accordance with the European Dispenser Construction Standard EN 13617-1. Standard EN 13617-1 refers to EN 60079-14 "Explosive atmospheres Electrical installations design, selection and erection" which refers to EN 60079-17 "Electrical installations inspection and maintenance" that specifically calls out regular inspections as cables are prone to damage.

EN 60079-17 Standard, also covering ATEX certified equipment, the following is mentioned:

"4.6.2 Maintenance of flexible cables

Flexible cables, flexible conduits, and their terminations are particularly prone to damage. They shall be inspected at regular intervals and shall be replaced if found to be damaged or defective."

Inspections ought to be conducted in accordance with guidance from the tables in section 6 of the EN 60079-17 standard.

All cables shall be visually inspected closely, especially those which are near, attached to or in contact with rotating / vibrating equipment. Particular attention shall be given to the Vapour Recovery Solenoid Valves, located above the Vapour Recovery pumps. This area is an area that is easily overlooked during a visual inspection and that can be prone to cable wear.

NOTE! This is just an example and extract from the standard and care should not be limited to this only.

If you have any further technical questions or require more detailed information on this subject, please contact your local DFS Regional Service Manager.

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