



To: All Stakeholders

From: WHO Prequalification Programme

Date: 24 October, 2019

Ref: **Follow-up on the suspension of eight (8) models of vaccine refrigerators, from Vestfrost A/S, Esberg, Denmark**

Dear Stakeholders

Following the suspension of eight (8) models of vaccine refrigerators from the WHO prequalification list in June 2019, WHO has carried out an investigation of the reported freezing events which led to the precautionary suspension of these devices.

The investigation has now come to an end. The conclusion of this investigation is that the suspended models have a general predisposition to freezing.

Following our identification of this risk, the manufacturer, Vestfrost has carried out some design modifications which will be implemented in all future units. These units have been given new PQS numbers and model names (VLS 204A AC, VLS 304A AC, VLS 354A AC, VLS 404A AC, VLS 504A AC, VLS 054A SDD, VLS 094A SDD and VLS 154A SDD) to differentiate them from the models already in the field.

For the units already in the field, the manufacturer will be undertaking a corrective action which includes the installation following accessories:

1. Grating to protect the sensor
2. Water jacket to reduce temperature fluctuations
3. Written instructions on how to install 1) and 2) above

These accessories are easily installed by health workers and do not require a fridge technician. The manufacturer will transport these accessories to the central EPI office for onward distribution to the health facilities by the respective countries.

The plan for the shipment of these accessories can be found on this [link](#).

Should you require any additional clarification please contact us at [pqsinfo@who.int](mailto:pqsinfo@who.int)

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