

कार्यालय, नियंत्रक नाप-तौल (विधिक मापविज्ञान) मध्यप्रदेश, भोपाल

होशंगाबाद रोड, गायत्री मंदिर के पास, भोपाल पिन - 462011

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क्रमांक 2946 /नातौ/मी.ऑ.क./2019

भोपाल, दिनांक 07/08/2019

प्रति,

समस्त निरीक्षक,
नाप तौल (विधिक मापविज्ञान)
मध्य प्रदेश

विषय :- To modify metallic cover plate and shifting E-Cal card in
GVR DUs-reg.

संदर्भ :- भारत सरकार नई दिल्ली का पत्र क्र. WM-19(52)/2019 दिनांक
31.07.2019 एवं कार्यालयीन पत्र क्र. 2556/नातौ/मी.ऑ.क./2019 दिनांक
08.07.2019

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उपरोक्त विषयांतर्गत लेख है कि भारत सरकार नई दिल्ली ने पेट्रोल पंपों
की वर्तमान डिस्पेंसिंग यूनिट में निर्धारित शर्तों के अधीन उन्नयन की अनुमति दी थी,
जिसकी छायाप्रतियां आपको इस कार्यालय के संदर्भित पत्र से भेजी गई थी।

विषयांकित प्रकरण में सीलिंग प्रक्रिया से संबंधित भारत सरकार से पत्र
प्राप्त हुआ है जिसकी छायाप्रति सूचनार्थ एवं आवश्यक कार्यवाही हेतु संलग्न प्रेषित है।

संलग्न :- उपरोक्तानुसार।

(एस.के. जैन)

नियंत्रक

नाप-तौल, मध्य प्रदेश

भोपाल

पृ.क्रमांक 2947 /नातौ/मी.ऑ.क./2019

भोपाल, दिनांक 07/08/2019

प्रतिलिपि :-

समस्त उप / सहायक नियंत्रक नाप-तौल(विधिक मापविज्ञान) मध्यप्रदेश
की ओर उपरोक्तानुसार छायाप्रति सूचनार्थ एवं आवश्यक कार्यवाही हेतु संलग्न प्रेषित।

संलग्न :- उपरोक्तानुसार।

नियंत्रक

नाप-तौल, मध्य प्रदेश

भोपाल

WM-19(52)/2019
Government of India
Ministry of Consumer Affairs, Food and Public Distribution
Department of Consumer Affairs
Legal Metrology Division

Krishi Bhawan, New Delhi 01
Dated: 31.7.2019

To,
The Controller of Legal Metrology,
All States/UTs

Subject: Modification of metallic cover plate housing E-Cal card and Controller Card in GVR DUs – Clarification.

Ref: CLM, UP Letter No. 310/2019 –asking for sealing diagram.

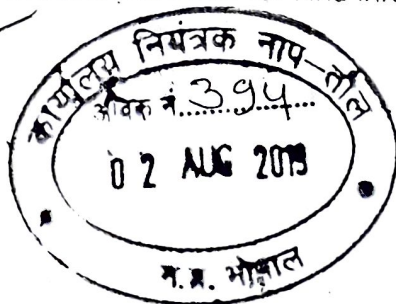
Sir,

The undersigned is directed to refer to the earlier communication made by this office vide letter of even number dated 17.6.2019 and 19.7.2019 (copies enclosed).

2. Vide above communications permission/ approval was granted to upgrade the dispensing units of M/s. Gilbarco Veeder Root India Pvt. Ltd. (GVR), Mumbai to ensure tamper proof working. Subsequently a reference has been made by Controller, L. M. of UP Government requesting for a copy of the sealing diagram.

3. The modifications proposed by the manufacturer were demonstrated to the team consisting of OMCs, LM officer of UOI and CLM, UP (report enclosed) which included provision of controller card and E- calibration card under one metallic housing with common Legal Metrology Seal.

4. The modified sealing diagrams in models of Dispensing Units (Approval Marks No. IND/09/11/49, IND/09/11/50, IND/09/15/450 and IND/13/18/367) as proposed by GVR (copy enclosed) are approved and enclosed herewith for kind information.



Yours faithfully

Ashutosh Agarwal

(Ashutosh Agarwal)

Deputy Director (Legal Metrology)

For, Director, Legal Metrology

Phone 011-23386194

Email: ashutosh.agarwal13@nic.in

Copy to:

1. M/s. Gilbarco Veeder Root India Pvt. Ltd., Mumbai for kind information.
2. All Oil Marketing Companies

Date: 26/06/2019

Demonstration for Security Upgrade Solution on GVR Dispensing Units

Minutes of meeting for the security upgrade solution demonstration at GVR Manufacturing Facility - Coimbatore, Tamil Nadu.

As per the letter no. *WM-19(52)/2019 dated 17/06/2019* from the Legal Metrology Department, Delhi mentioned under Point No. 4, "Further, corrective measures in respect of Dispensing Units of M/s. Gilbarco Veeder Root India Pvt. Ltd., Mumbai found to tampered is to be demonstrated physically to a team consisting of representatives of OMCs, Director (LM) and Controller (LM), Government of UP."

The proposed short-term corrective measures were demonstrated physically on one of the GVR Dispensing Unit as mentioned below

- The existing mechanical sealing covers for the Controller card and E-Calibration Card were replaced by a new mechanical sealing cover, after the application of which the physical access to the Controller card & E-Calibration card is prevented from outside. The replacement of the existing covers with the new cover was demonstrated.
- Mechanical sealing cover on Display Card to prevent access to sensitive areas.
- "No Calib" error occurs on the Main Display panel when the E-Calibration Card is replaced with another unauthorised E-Calibration Card during runtime as well as in Power-Off condition. Once "No Calib" error is detected, the Dispensing Unit stops dispensing and can be brought back to operation only after performing a fresh calibration process as proposed by OEM and gets recorded in Calibration Logs.
- Error Logs were checked which are increased from 20 to 50
- Calibration Logs with Date & Time, Calibration Count, New K-factor, Nozzle No., & Totaliser were also verified

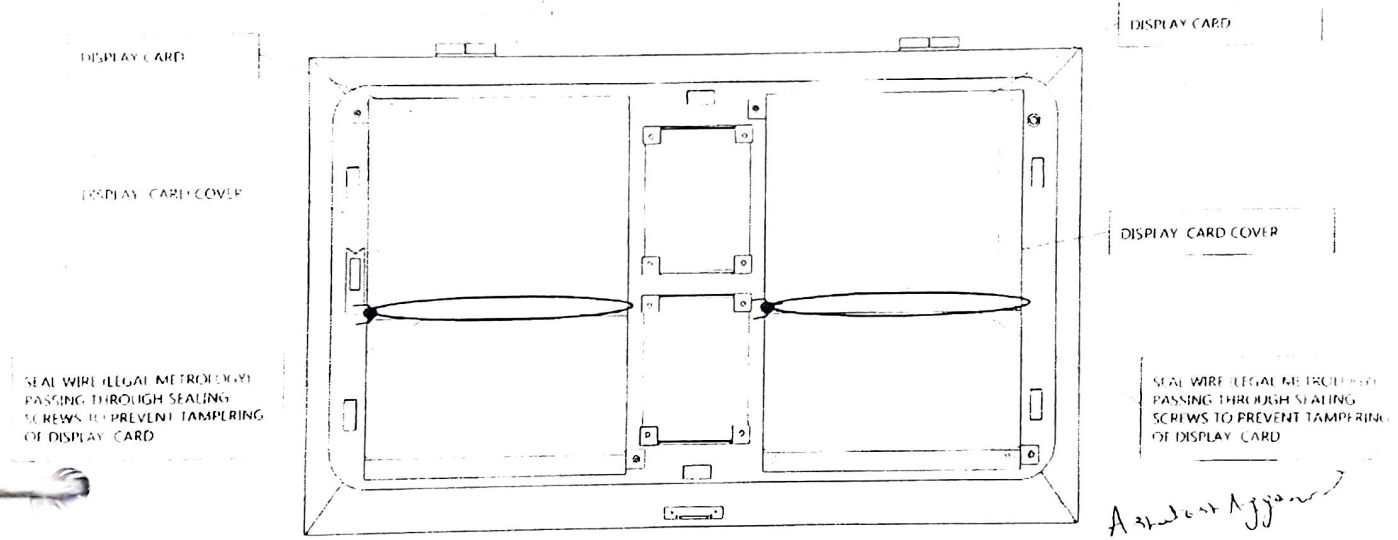
The responsibility of offering the solutions for tamper proofing of Dispensing Units lies with OEM, with these proposed modifications, OEM undertakes that these modifications will prevent tampering of DUs from all current known methods related to any unauthorized change in hardware/software which affects the measurement and delivery accuracy, and would disable the DU operation

The proposed solution as listed above has been witnessed by all the team members listed below.

- Mr. Sunil Kumar Verma - Controller LM (UP) *[Signature]*
- Mr. Shailendra Singh - Asst. Director LM *[Signature]*
- Mr. Murali Mohan Reddy - HPCL *[Signature] (DGM-RV)*
- Mr. Sandeep Deshpande - HPCL *[Signature] SME, BRC*
- Mr. Ankush Balyan - IOCL *[Signature] (Chief Mgr(RS-IS))*
- Mr. Yogesh Tiwari - IOCL *[Signature] (SME) IOCL*
- Mr. T.M Jeyakumar - GVR *[Signature] Operations Director*
- Mr. Vineet Mittal - GVR *[Signature] Sales Director*

Proposed Solution: Display Card Sealing

Model Approval Numbers : IND/09/11/49, IND/09/11/50, IND/09/15/450 and IND/13/18/367



As per the above