

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

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

Tel. 0755-2551017 Fax- 0755-2768638 Email-cwmbho@mp.nic.in

क्रमांक 253-6/नातौ/मी.ऑ.क./2019

भोपाल, दिनांक 08/07/2019

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  
17.06.2019.

-----00-----

उपरोक्त विषय एवं संदर्भ में लेख है कि भारत सरकार नई दिल्ली ने  
पेट्रोल पंपों की वर्तमान डिस्पेंसिंग यूनिट में निर्धारित शर्तों के अधीन उन्नयन की  
अनुमति दी है। भारत सरकार से प्राप्त संदर्भित पत्र की छायाप्रति सूचनार्थ एवं  
आवश्यक कार्यवाही हेतु संलग्न प्रेषित है।

संलग्न :- उपरोक्तानुसार।

(एस.के. जैन)

नियंत्रक

नाप-तौल, मध्य प्रदेश

भोपाल

पृ.क्रमांक 253-7/नातौ/मी.ऑ.क./2019

भोपाल, दिनांक 08/07/2019

प्रतिलिपि :-

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

संलग्न :- उपरोक्तानुसार।

नियंत्रक

नाप-तौल, मध्य प्रदेश

भोपाल

Speed Post

**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: 17.06.2019

To,

1. Hindustan Petroleum Corporation Limited,  
17, Jamshedji Tata Road,  
Mumbai- 400 020

2. M/s Indian Oil Corporation Limited,  
Indian Oil Bhawan,  
G-9, Ali Yavar Jung Marg,  
Bandra (East) Mumbai- 400051

3. M/s Bharat Petroleum Corporation Ltd.,  
Bharat Bhawan,  
4 & 6 Currimbhoy Road, Ballard Estate,  
Mumbai- 400001

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

Sir,

The undersigned is directed to refer to the earlier communications made by this office vide even number dated 2/2/2018 and 15/3/2018 (copies enclosed).

2. Vide above communications provisional permission was granted to upgrade existing Dispenser Units on the request of Oil Marketing Companies to prevent tampering. This permission was granted subject to recommendations of certain security features being incorporated in the upgraded Dispensers. These features included facility of OTP for any Hardware Change, pulser validation and verification/ stamping; pulser to be non-openable, self- destructive, potted and magnetic; to have family integrity and the software with 128 bit end to end encryption.

3. It is requested to confirm that:

- (1) The security features available in the upgraded Dispensers are in line with the recommendations made by this office.
- (2) If compliance to these security features was obtained from C-DAC or any other Government Laboratory and to forward copy of such compliance certificate.
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.
5. Also, in principle approval is being granted to OMCs to get the dispensing units of M/s. Gilbarco Veeder Root India Pvt. Ltd., Mumbai upgraded to ensure tamper proof working in the short term as well as for the long term.
6. It may be noted that it is the responsibility of the OEMs to have tamper proof design, to prevent any fraudulent practice. Thus all the OEMs of dispenser may be asked to submit an undertaking signed by the Director of the Company that the dispensers available in field are tamperproof. The said undertaking will also be submitted for all new models of dispensers.

Yours faithfully,

*Ashutosh Agarwal*

(Ashutosh Agarwal)  
Deputy Director (Legal Metrology)  
For, Director, Legal Metrology  
Phone 011-23386194  
Email: [ashutosh.agarwal13@nic.in](mailto:ashutosh.agarwal13@nic.in)

**Copy to:** The Controllers of Legal Metrology of all States/UTs for kind information.

**Copy for information to:**

1. M/s. Gilbarco Veeder Root India Pvt. Ltd., Mumbai
2. M/s. Tokheim India Pvt. Ltd., Mumbai
3. M/s. General Energy Management Systems Pvt. Ltd. New Delhi
4. M/s Tatsuno India Pvt. Ltd., Mumbai



**WM-9(75)/2015**  
Government of India  
Ministry of Consumer Affairs, Food and Public Distribution  
Department of Consumer Affairs  
Legal Metrology Division

Krishi Bhawan, New Delhi-01  
Dated: 15.03.2018

To,

1. M/s Indian Oil Corporation Limited,  
Indian Oil Bhawan,  
G-9, Ali Yavar Jung Marg,  
Bandra (East) Mumbai- 400051

2. M/s Bharat Petroleum Corporation Ltd.,  
Bharat Bhawan,  
4 & 6 Currimbhoy Road, Ballard Estate,  
Mumbai- 400001

3. Hindustan Petroleum Corporation Limited,  
17, Jamshedji Tata Road,  
Mumbai- 400 020

**Subject:** Up gradation of dispensing units installed at retail outlets pan India to make it tamper proof- Request for NOC - reg.

Sir,

The undersigned is directed to refer to your letter No. RET- IOC Dated 7.2.2018 and 15.2.2018 on the above mentioned subject and to state that:

(1) the OTP is required for change of any hardware which affects the measurement and delivery of Petroleum products.

(2) the currently used 128 bit encryption may be continued for 6 months and if it is confirmed from C-DAC or any other Government Laboratory that the alternate 128 bit software encryption is also secure, it may further be continued.

(3) the points as applicable for up-gradation of existing DU units will also be applicable for DUs under different stages of procurement. However, as suggested the recommendation at point no. 3 at our letter dated 2.2.2018 will be applicable for future DU tender.

(4) it is requested that the information of generating OTP may be shared with the Local Legal Metrology Officer in-consultation with Controller of Legal Metrology of the State Governments.

2. It is requested to provide a list of all dispensers with serial number of the dispenser, name and address of the Retail outlet and date of such up-gradation/ verification after up-gradation.

3. This issues with the approval of competent authority.

Yours faithfully,

*Ashutosh Agarwal*

(Ashutosh Agarwal)

Deputy Director (LM)

For, Director, Legal Metrology

Phone 011-23386194

Email: [ashutosh.agarwal13@nic.in](mailto:ashutosh.agarwal13@nic.in)

**Copy to:**

1. The Controllers of Legal Metrology of all States/ UTs with a request to co-operate in up-gradation of the existing dispensers for the above stated features. It is also requested to direct the field staff to record the same in the verification certificate with software version and checksum.

**Copy for information to:**

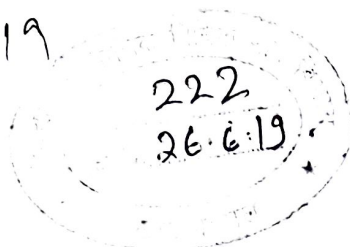
1. M/s. General Energy Management Systems Pvt. Ltd., B-56, Sector-81, Phase-II, Noida – 201 305

2. M/s. Tokheim India Pvt. Ltd., A-174, TTC Industrial Area, MIDC, Khairnane Village, Navi Mumbai – 400 709

3. M/s. Gilbargo Veedor Root, Plot No. 70, Phase II, Sector 19, Vashi, Navi Mumbai

4. M/s. MIDCO Ltd, Metro Estate, Vidyanagari Marg, Kalina, Mumbai 400 098

u/a.  
m  
22/6/19



WM-9(75)/2015  
Government of India  
Ministry of Consumer Affairs, Food and Public Distribution  
Department of Consumer Affairs  
Legal Metrology Division

Krishi Bhawan, New Delhi-01  
Dated: 2.2.2018

To,

1. M/s Indian Oil Corporation Limited,  
Indian Oil Bhawan,  
G-9, Ali Yavar Jung Marg,  
Bandra (East) Mumbai- 400051
2. M/s Bharat Petroleum Corporation Ltd.,  
Bharat Bhawan,  
4 & 6 Currimbhoy Road, Ballard Estate,  
Mumbai- 400001
3. Hindustan Petroleum Corporation Limited,  
17, Jamshedji Tata Road,  
Mumbai- 400 020

**Subject:** Up gradation of dispensing units installed at retail outlets pan India to make it tamper proof- Request for NOC - reg.

Sir,

The undersigned is directed to refer to the above mentioned subject and to state that provisional permission is hereby granted to upgrade the existing Dispensers as requested by Oil Marketing Companies for the following features:

- (i) To have the facility of generating OTP for any Hardware Change, Pulser validation and Calibration. The said information of generating OTP may be shared with the representatives of OMCs, Local Legal Metrology Officer and RO dealer for information.
- (ii) To change the existing pulser with non-openable, self destructive potted magnetic pulser
- (iii) To have family integrity
- (iv) To upgrade the software encryption with 128 bit AES encryption. However, the currently used 128 bit software encryption may be continued for a period of 6 months or to get it confirmed from C-DAC that the alternate 128 bit software encryption is as secure or better as 128 bit AES encryption for its continuation. The details of software version should be recorded in the verification certificate with checksum.



2. It is requested to direct the Original Equipment Manufacturers (OEMs) to submit the compliance report of all such proposed upgraded features from C-DAC or any other Government Laboratory to ensure that features are safe and trail of all authentications is available at the earliest.
3. It is also requested to ensure that all these features are available in the newly installed dispensers after this letter.
4. It is requested that Log information of all authentications should be passed on to local Legal Metrology Officer quarterly.
5. It is also requested to refer the letters issued by this office vide Letter No. WM-9(75)/2015 dated 23.12.2015 and Minutes of meeting dated 27.6.2017 vide Letter No. WM-19(25)/2017 dated 17.7.2017.
6. It is also requested to provide a list of all dispensers with name and address of the Retail outlet and date of such up-gradation/ verification after up-gradation.

Yours faithfully,



(B. N. Dixit)

Director of Legal Metrology

Ph: 011-23389489

Email: [dirwm-ca@nic.in](mailto:dirwm-ca@nic.in)

**Copy to:**

1. The Controllers of Legal Metrology of all States/ UTs with a request to co-operate in up-gradation of the existing dispensers for the above stated features. It is also requested to direct the field staff to record the same in the verification certificate with software version and checksum.

**Copy for information to:**

1. M/s. General Energy Management Systems Pvt. Ltd., B-56, Sector-81, Phase-II, Noida - 201 305
2. M/s. Tokheim India Pvt. Ltd., A-174, TTC Industrial Area, MIDC, Khairnane Village, Navi Mumbai - 400 709
3. M/s. Gilbargo Veedor Root, Plot No. 70, Phase II, Sector 19, Vashi, Navi Mumbai
4. M/s. MIDCO Ltd, Metro Estate, Vidyanagari Marg, Kalina, Mumbai 400 098