



# राज्य स्वास्थ्य समिति, बिहार



मनोज कुमार, भा०प्र०से०

कार्यपालक निदेशक

पत्रांक: SHSB/PM/502/2016/.....599

सेवा में,

प्रबंध निदेशक, BMSICL, पटना

सभी सिविल सर्जन

सभी जिला कार्यक्रम प्रबंधक

पटना/दिनांक.....10/05/2020

**विषय: BMSICL से Infrared Thermometer प्राप्त करने के संबंध में।**

**प्रसंग: राज्य स्वास्थ्य समिति का पत्रांक 427 दिनांक 29.04.2020**

**महाशय**

उपर्युक्त विषय के संबंध में कहना है कि प्रासंगिक पत्र द्वारा कोरोना वायरस (COVID-19) के अनिवार्य स्क्रीनिंग हेतु (40+923+60) अर्थात् 1023 Infrared Thermometer का आबंटनादेश निर्गत किया गया और इसकी आपूर्ति जिलों द्वारा BMSICL से प्राप्त की गयी है।

2. COVID-19 के व्यापक स्क्रीनिंग के मद्देनजर पुनः प्रत्येक रेफरल अस्पताल (67 RH) एवं प्राथमिक स्वास्थ्य केन्द्र (533 PHC) को 02-02 अदद Infrared Thermometer आबंटित किया जा रहा है। इस पत्र के साथ 1200 Infrared Thermometer का अतिरिक्त आबंटनादेश संलग्न है।

3. अतः संलग्न जिलावार आबंटनादेश के अनुरूप Infrared Thermometer की आपूर्ति BMSICL के शास्त्री नगर, LNJP अस्पताल रोड, पटना अवस्थित कार्यालय से प्राप्त करते हुये इसकी प्रविष्टि जिला के भंडार पंजी एवं EMMS Portal में विधिवत रूप से किया जाये। पूर्व में आपूर्ति की गयी Infrared Thermometer एवं इस पत्र के साथ संलग्न आबंटनादेश के अनुरूप आपूर्ति की जा रही Infrared Thermometer के रख-रखाव एवं इसके समुचित सदुपयोग की जवाबदेही सभी जिलों के सिविल सर्जन की होगी।

4. पत्र के साथ उक्त सामग्री के लिये BMSICL के आपूर्तिकर्ता संस्थान का Test and warranty Certificate संलग्न है, जिसमें अंकित है कि 'Thermowells and their spares(s) is/are warranted for satisfactory working for a period of 36 months from the date of dispatch against any manufacturing defect and will be repaired/rectified, free of cost, if found defective during the warranty period.' [Test and warranty Certificate समुचित कार्रवाई हेतु संलग्न]

5. जिलान्तर्गत स्वास्थ्य संस्थानों एवं स्थलों पर Infrared Thermometer के निरंतर क्रियाशीलता एवं उपयोग हेतु 02 सेट पेन्सिल बैटरी संबंधित पदाधिकारी/कर्मियों को अवश्य हस्तगत कराया जाये। इस प्रकार के महत्वपूर्ण सामग्रियों के उचित रख-रखाव की व्यवस्था जिलान्तर्गत स्वास्थ्य संस्थान स्तर पर उपर्युक्तरूपेण कराया जाये।

**अनुलग्नक: Infrared Thermometer का आबंटनादेश**

**एवं Test and warranty Certificate**

विश्वसभाजन  
(मनोज कुमार)



# राज्य स्वास्थ्य समिति, बिहार



मनोज कुमार, भा० प्र० से०

कार्यपालक निदेशक

पत्रांक: SHSB/PM/502/2016/.....

सेवा में,

प्रबंध निदेशक, BMSICL, पटना

सभी सिविल सर्जन

सभी जिला कार्यक्रम प्रबंधक

पटना/दिनांक.....

**विषय:** BMSICL से Infrared Thermometer प्राप्त करने के संबंध में।

**प्रसंग:** राज्य स्वास्थ्य समिति का पत्रांक 427 दिनांक 29.04.2020

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**अनुलग्नक:** Infrared Thermometer का आबंटनादेश

एवं Test and warranty Certificate

विश्वासभाजन

ह०/-

(मनोज कुमार)

परिवार कल्याण भवन, शेखपुरा, पटना- 800 014,

दूरभाष: 0612-2290328, फैक्स: 0612-2290322, वेबसाइट: [www.statehealthsocietybihar.org](http://www.statehealthsocietybihar.org)





# राज्य स्वास्थ्य समिति, बिहार



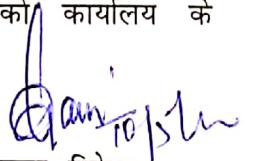
-2-

ज्ञापक:.....५९९

पटना, दिनांक.....10/05/2020

प्रतिलिपि:

- प्रधान सचिव, स्वास्थ्य विभाग, बिहार, पटना को कृपया सूचनार्थ प्रेषित।
- सचिव, स्वास्थ्य विभाग, बिहार, पटना को कृपया सूचनार्थ प्रेषित।
- सभी जिला पदाधिकारी को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।
- सभी क्षेत्रीय अपर निदेशक, स्वास्थ्य सेवायें को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।
- माननीय मंत्री, स्वास्थ्य विभाग के आप्त सचिव को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।
- प्रशासी पदाधिकारी, SHSB/मुख्य महाप्रबंधक, BMSICL/महाप्रबंधक (प्रोक्योरमेंट), BMSICL/सहायक निदेशक, प्रोक्योरमेंट कोषांग, SHSB को उक्त सामग्री की आपूर्ति कराने एवं इसकी प्रविष्टि मंडई चतजंस पर कराने हेतु प्रेषित।
- सिस्टम एनालिस्ट-सह-डाटा ऑफिसर, राज्य स्वास्थ्य समिति, बिहार को कार्यालय के अधिकृत वेबसाइट पर अपलोड करने हेतु प्रेषित।

  
कार्यपालक निदेशक





**STATE HEALTH SOCIETY, BIHAR**  
Distribution of Infrared Thermometer

309

Dt. 09.05.2020

Sl. No.	District	Supplied by BMSICL to districts vide L.No. 482 Dt. 02.05.2020	RH	PHC	Infrared Thermometer distribution plan ((RH+PHC)X2)	To be supplied by BMSICL on 10.05.2020	Total Allotment
1	ARARIA	24	2	9	22	22	46
2	ARWAL	15	0	5	10	10	25
3	AURANGABAD	22	3	11	28	28	50
4	BANKA	19	3	11	28	28	47
5	BEGUSARAI	31	2	18	40	40	71
6	BHAGALPUR	35	3	16	38	38	73
7	BHOJPUR	25	3	14	34	34	59
8	BUXAR	19	0	11	22	22	41
9	DARBHANGA	28	2	18	40	40	68
10	EAST CHAMPARAN	42	1	27	56	56	98
11	GAYA	36	1	24	50	50	86
12	GOPALGANJ	25	3	14	34	34	59
13	JAMUI	18	3	10	26	26	44
14	JEHANABAD	14	2	7	18	18	32
15	KAIMUR	20	1	11	24	24	44
16	KATIHAR	33	1	16	34	34	67
17	KHAGARIA	13	1	7	16	16	29
18	KISHANGANJ	18	1	7	16	16	34
19	LAKHISARAI	17	1	6	14	14	31
20	MADHEPURA	21	0	13	26	26	47
21	MADHUBANI	43	3	21	48	48	91
22	MUNGER	27	0	9	18	18	45
23	MUZAFFARPUR	22	1	16	34	34	56
24	NALANDA	34	3	20	46	46	80
25	NAWADA	24	2	14	32	32	56
26	PATNA	44	4	23	54	54	98
27	PURNIA	32	2	14	32	32	64
28	ROHTAS	32	2	19	42	42	74
29	SAHARSA	18	0	10	20	20	38
30	SAMASTIPUR	38	1	20	42	42	80
31	SARAN	31	3	20	46	46	77
32	SHEIKHPURA	12	1	6	14	14	26
33	SHEOHAR	10	0	5	10	10	20
34	SITAMARHI	26	1	17	36	36	62
35	SIWAN	30	3	19	44	44	74
36	SUPAUL	21	2	11	26	26	47
37	VAISHALI	28	4	16	40	40	68
38	WEST CHAMPARAN	36	2	18	40	40	76
<b>Total</b>		<b>983</b>	<b>67</b>	<b>533</b>	<b>1200</b>	<b>1200</b>	<b>2183</b>
<b>Total Stock</b>						<b>1528</b>	
<b>Retained by SHSB after above distribution</b>						<b>328</b>	

Assistant Director, Drug  
SHSB

Administrative Officer  
SHSB

Executive Director  
SHSB



### Test and Warranty Certificate

**Certificate Issuance Date** : 05/05/2020  
**Our Sales Order No.** : 50-00277-20 **Date** : 03/05/2020  
**Invoice No.** : 0238-20 **Date** : 04/05/2020  
**Your Purchase Order No.** : BMSIC/40010/109-2020/1165 **Date** : 02/05/2020

Sr NO.	Tipl Item Code	Customer Item Code & Description	Item CETH No.	TIPL Item Detail	Qty/UOM
1	IRBT	Infrared (IR) Thermometer Make: TIPL Model: TI-226	90251910	Infrared Body Thermometer (Handheld), Model No - IRBT, Make - TIPL, TEMPERATURE RANGE: 32°C~42.9°C (90°F~109°F), RESPONSE TIME 0.5S, Refer Catalog for Detailed Specifications	1,500.00/NO

has/have been tested and found working satisfactorily.

The above, except Thermocouples, Resistance Thermometer, Thermowells and their spares(s) is/are warranted for satisfactory working for a period of 36 months from the date of dispatch against any manufacturing defect and will be repaired/rectified, free of cost, if found defective during the warranty period.

Your's faithfully

For Toshniwal Industries Pvt. Ltd.

Authorized Signatory





# Certificate of Registration

This is to certify that

## TOSHNIWAL INDUSTRIES PVT. LTD.

Industrial Estate, Makhupura, Ajmer – 305 002, Rajasthan, India

has been independently assessed by QRO  
and is compliant with the requirements of:

**ISO 13485:2016**

## Quality Management System for Medical Device

For the following scope of activities:

***Design & Development, Production & Distribution of Non-Contact Infrared Thermometer, Digital Thermometer, Ear Thermometer and Thermal Imager Scanning System***

Date of Initial registration: 28<sup>th</sup> March 2020

Date of this Certificate: 28<sup>th</sup> March 2020

Certificate Expiry: 27<sup>th</sup> March 2023

Recertification Due: 27<sup>th</sup> March 2023

**Certificate Number: 1280320051K**



*Signature*

Head of Certification

Validity of this certificate is subject to annual surveillance audits to be done successfully on or before 365 days from date of the audit.  
(In case if surveillance audit is not allowed to be conducted, this certificate shall be suspended / withdrawn).

The Validity of this certificate can be verified at [www.qrocert.com](http://www.qrocert.com)

This certificate of registration remains the property of QRO Certification LLP, and shall be returned immediately upon request.

QRO Certification LLP is accredited by UK Accrediting Forum Limited, UK ([www.ukaf.org.uk](http://www.ukaf.org.uk))

5 Jupiter House, Calleva Park, Aldermaston, Reading Berkshire RG78NN UK

India Office : QRO Certification LLP

142, 11nd Floor, Avatar Enclave, Near Paschim Vihar West Metro Station, Delhi-110063, (INDIA)

Website : [www.qrocert.com](http://www.qrocert.com), E-mail : [info@qrocert.com](mailto:info@qrocert.com)



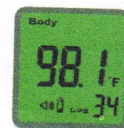


### FEATURES

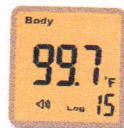
- Temperature Range: 32°C~43°C (90°F~109°F)
- Measuring Distance: 5 to 8 cm (2~3 inch)
- Accuracy:  $\pm 0.3^{\circ}\text{C}$  ( $\pm 0.6^{\circ}\text{F}$ )
- Response Time : 0.5 Sec.
- Two modes : Body / Surface Temperature
- LCD backlight (Green/ Orange/ Red) to indicate fever level
- Data storage : 34 Temperatures
- Automatic shutdown in 7 seconds
- Handheld, Robust, Ergonomic pistol type grip design



Normal



Slight



Serious



LCD backlight color changes  
to indicate fever level



### BACKGROUND

#### THERMAL SCREENING

The Government has mandated several preventive measures to contain the spread of Novel Coronavirus (COVID-19). One of them is Thermal screening, which is the process to measure, quickly and without contact, the Body Temperature of all the people coming in an establishment, to detect if anyone is having fever (possibly infected with Coronavirus).

#### BODY TEMPERATURE MEASUREMENT

Conventionally, Human Body temperature is measured by Mercury/ Digital Thermometers in different body cavities - mouth (oral), armpit (axillary), anus (rectal), or ear (tympanic). These are accurate but require contact with the patient, have a long response time and need dis-infection after every use. However in an Epidemic situation, Thermal Screening with Non-Contact Infrared Body Thermometer, a simple Non-Invasive instrument for measuring Forehead temperature is advised, as the disease is highly contagious.

#### FOREHEAD SKIN TEMPERATURE MEASUREMENT

The measurement of Body temperature from the surface skin of the forehead, by Infrared Thermometer is an effective method for quick measurement, without contact. A normal body temperature is an oral temperature of 37°C (98.6°F). Temperatures of 37.5°C (99.5°F) and above are considered to be higher than normal and above 38°C (100.4°F) are considered as high fever. However the actual temperature on the Forehead is lower than Oral and for us to relate it to these conventional Fever values, this physiological offset needs to be added.

In "Body" mode, our Infrared Body Thermometer, Model IRBT measures the Infrared energy naturally emitted from the subject's Forehead and corrects it with an algorithm for variations in ambient temperature, subject's temperature, skin emissivity and presents on the Thermometer display a calculated value corresponding to the Core (Oral) Temperature.



## TECHNICAL SPECIFICATIONS

<b>Construction</b>	IR sensor located at the distal end (patient side), digital display located at the proximal end (user side), index finger to trigger the measurement
<b>Body Temp. Range</b>	32°C ~ 43°C (90°F ~ 109°F)
<b>Resolution</b>	0.1°C / 0.1°F
<b>Measuring Distance</b>	5 ~ 8 cm (2 ~ 3 inch)
<b>Response Time</b>	0.5 sec., once reading stabilises, beep sounds and reading freezes for 7 sec
<b>Accuracy</b>	±0.3°C (±0.6°F) as per ASTM E1965
<b>Fever Alarm</b>	By LCD Backlight colour change: Green (below 37.5°C (99.5°F)) Orange (37.5°C ~ 38°C (99.5°F ~ 100.4°F)) Red (above 38°C (100.4°F)) with 5 beep sounds for quick detection
<b>Offset correction</b>	(-)5.0 ~ +5.0°C ((-)9.0 ~ +9.0°F)
<b>Surface Temperature Range</b>	0 ~ 100°C (32°F ~ 212°F)
<b>Surface Temperature Accuracy</b>	±1°C (±1.8°F)
<b>Size/ Weight</b>	145×80×40mm/ 122g
<b>Storage Temp</b>	(-)10°C ~ 60°C (14°F ~ 140°F)
<b>Operating Temp</b>	10°C ~ 40°C (50°F ~ 104°F)
<b>Accessories</b>	2×1.5V, AA Battery (Double the life of AAA), Manual
<b>Safety</b>	CE (tested to IEC 60601-1-2:2014 - Medical electrical equipment), RoHS & FCC certified
<b>Certification</b>	We are ISO 13485:2016 - Medical devices - Quality management systems Certified Unit

## PACKAGING



Box Size: 192(W)x150(H)x50(D)mm



## CAUTION

As per Circular dt. 7.4.2020, Ministry of Consumer Affairs, Food and Public Distribution, Weights and Measures Unit has clarified that the provisions of Section 19, 22 & 23 of the Legal Metrology Act, 2009 and the provisions of Rule 27 of the Legal Metrology (Packaged Commodities) Rules, 2011 are applicable on Infrared Thermometers. Accordingly all the requirements of Legal Metrology Act & Rules made thereunder have to be complied within 3 months.

If the model of Infrared Thermometer fails, the importers/ manufacturer will withdraw all the Infrared Thermometers from the market at their own cost.

We confirm that we will comply to this Act in the stipulated time.

**3-9/20/2020-W&M Section**  
Government of India  
Ministry of Consumer Affairs, Food and Public Distribution  
Department of Consumer Affairs  
Weights and Measures Unit  
New Delhi-110001  
Date: 7-9-2020

To,  
Shri B.S. Mehta, Joint Assistant Commissioner,  
Office of the Principal Commissioner of Customs,  
ACC (Imports), NDH, New Delhi.

**Subject:** NDC for release of Infrared Thermometers due to spread of COVID-19 pandemic -imp.

Sir,

The undersigned is directed to refer to your small dated 6-4-2020 on the above cited subject and to state that the provisions of Section 19, 22 & 23 of the Legal Metrology Act, 2009 and the provisions of Rule 27 of the Legal Metrology (Packaged Commodities) Rules, 2011 are applicable on Infrared Thermometers (Biological Thermometers).

2. However, in view of COVID-19 pandemic, it is requested that Custom Authorities may relax all the requirements of Infrared Thermometers with the condition that the importers will comply all the requirements of Legal Metrology Act & Rules made thereunder within 3 months of the clearance.

3. It is also requested to inform the importers that if the models of Infrared Thermometers relax during testing is not comply the requirements specifications laid down under the Rules, the importers will withdraw all the Infrared Thermometers from the market at their own cost and the action will be taken as per the provisions of Legal Metrology Act & Rules.

Yours faithfully,  
Sd/-  
(Signature)  
Deputy Director, Legal Metrology  
for Director, Legal Metrology  
Ph.011-22286194  
Email: wmd@nic.nic.in

Copy for: 1. Directorate of Legal Metrology, All States/UTs for kind information.  
2. M/s San Medicaments Pvt. Ltd., P-2/4, L-2/A, Vittal, Hyderabad, Telangana

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