

Energy Saving Charter 2019



Pledging to

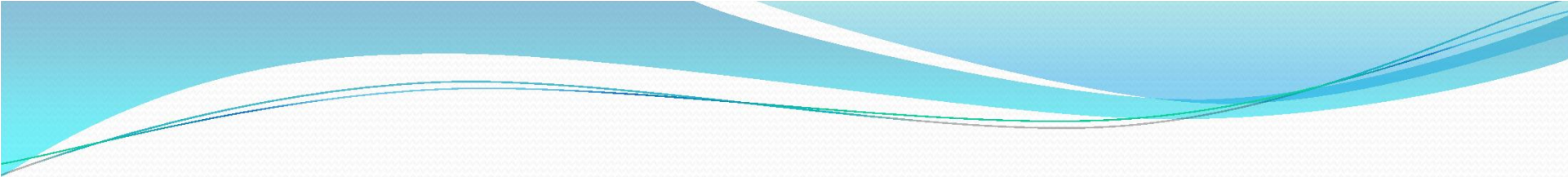
- Temperature 24-26 degree C (summer)
- Switch off appliances/systems (not in use)
- Grade 1 labeled appliances/systems
- To adopt the above

4Ts Charter 2019

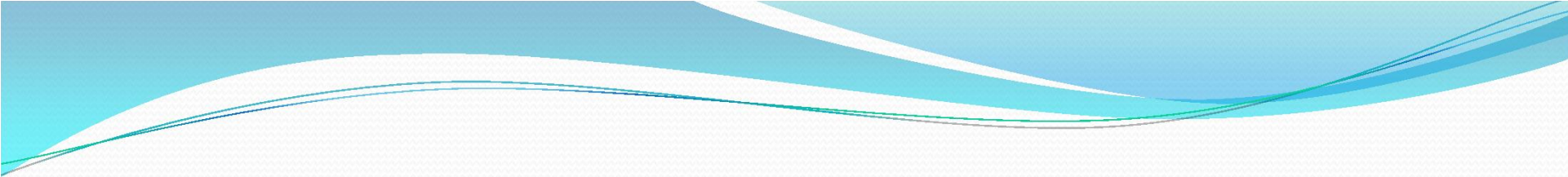



Set energy saving with:

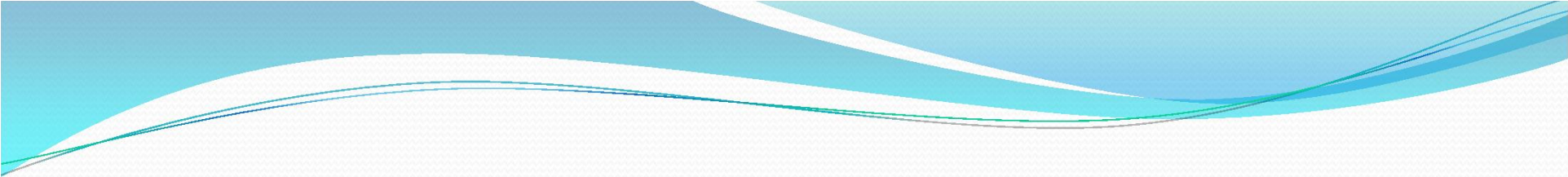
- Target
- Timeline
- Transparency
- Together



General guidelines
on
routine
air temperature
measurements

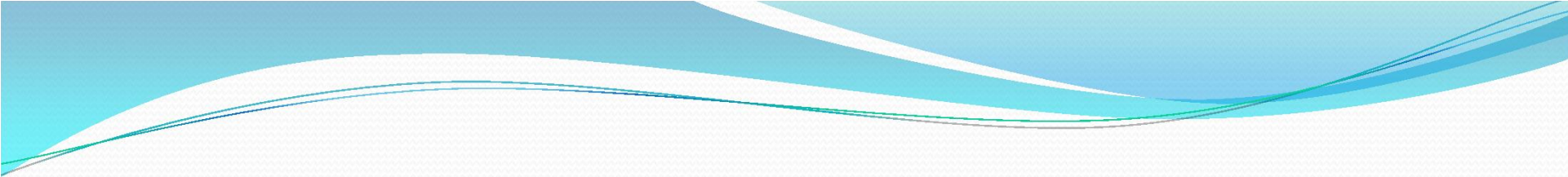
- 
- Shopping Mall
 - Office Building/
Commercial Building/
Industrial Building

- 
- Office
 - Shop
 - Kindergarten/ Primary School/Secondary School/ Post-Secondary Education Institution

- 
- Non-Governmental Organization/
Community Facility
 - Hotel
 - Housing estate/ Residential
Building
 - Hospital
 - Others



A. Number of Sampling Points



Measurements
should be taken
at
air-conditioned space

Sufficient number of samples

- <4000 sq M

Two sampling points

- >4000 sq M

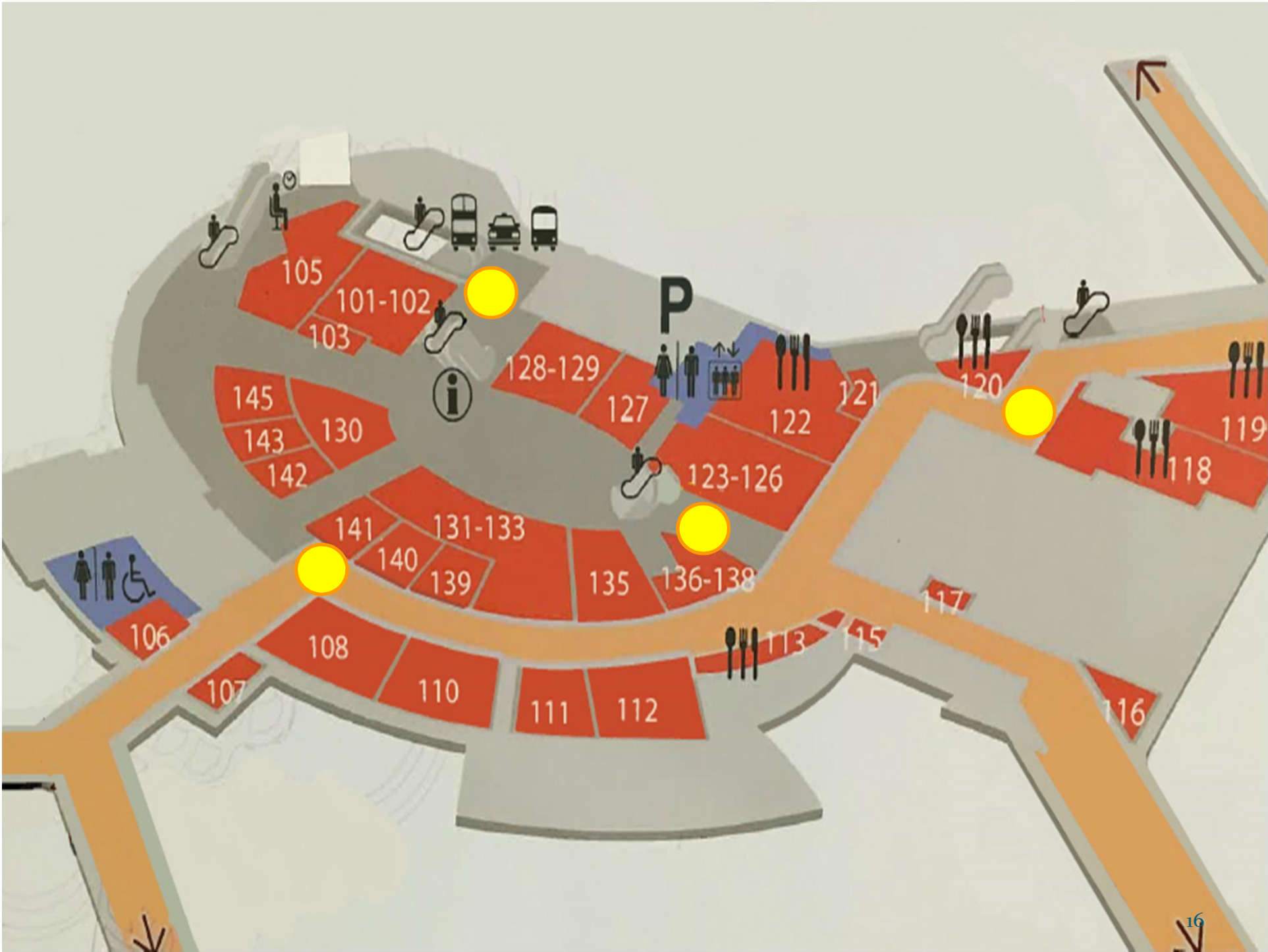
One sampling point per 2,000 square metres

(Each floor for multi-storey air-conditioned premises)









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說明

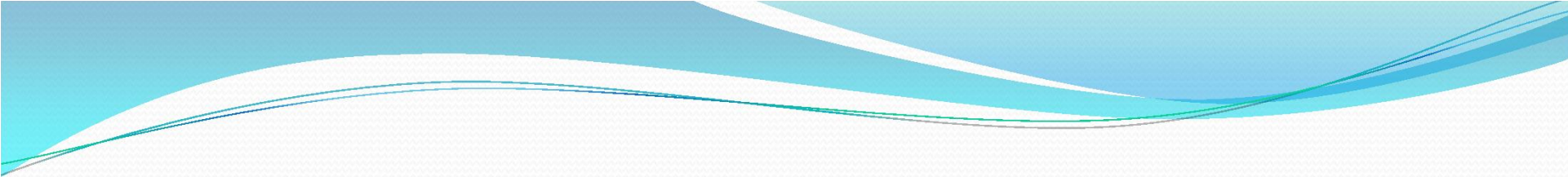


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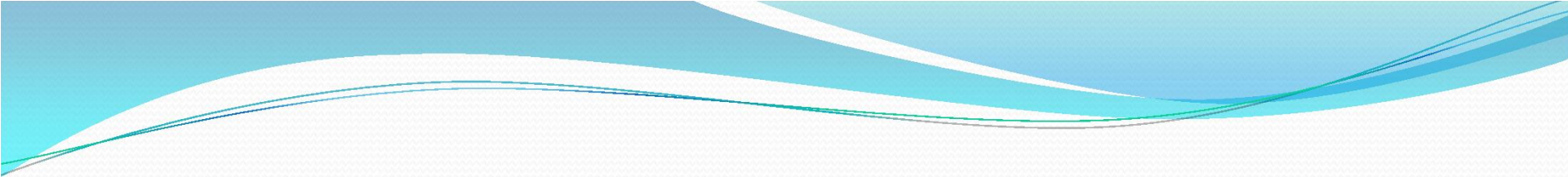


Site Visited Record

Year	Site no.
2017	58
2018	63



Average indoor temperature
is the
numerical average all sampling points



Measurement
should be taken
at least twice a week

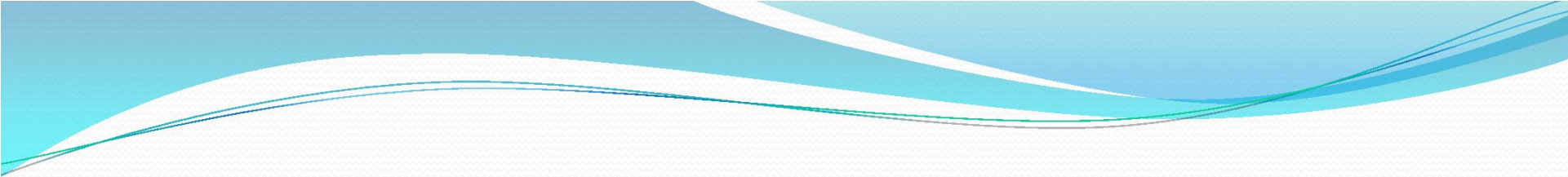


B. General considerations for selecting locations for measurement



Measurements shall be taken
at the air-conditioned space

- Occupied zones during the
occupied hours

- 
- The sampling locations should be representative locations
 - Randomly selected on all occupied zones or floors of the premises



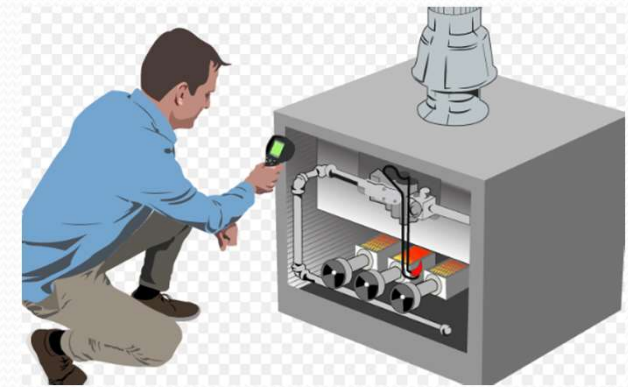
a) In air-conditioned areas
with both high and low
occupancy rate

- b) At least 0.5 metre inward
- from corners, windows, walls, doors

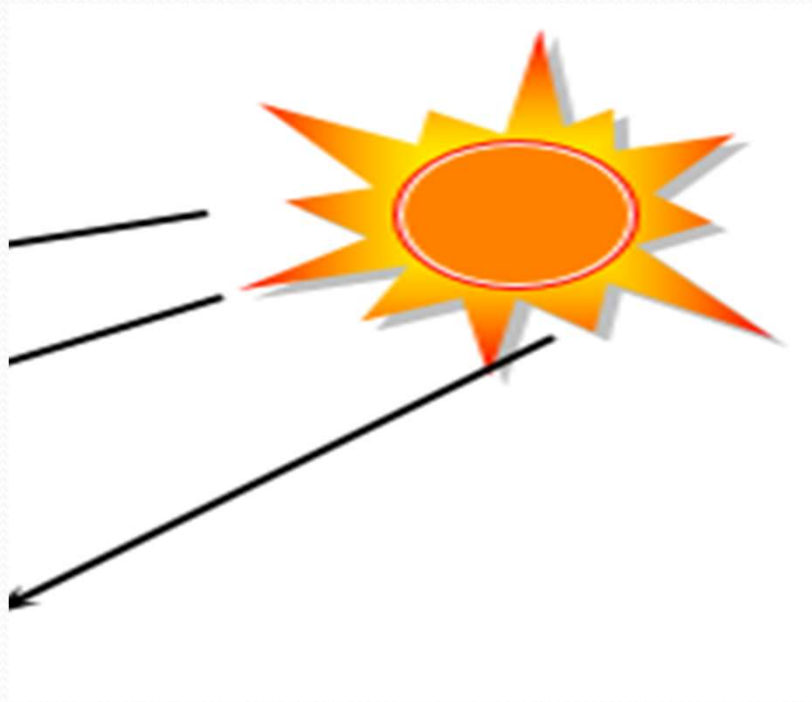


c) Not directly in front of:

- Air supply diffusers
- Induction units
- Floor fans
- Heaters
- Exhaled breath of the operator, lifts, escalators, entrance or exit, etc.

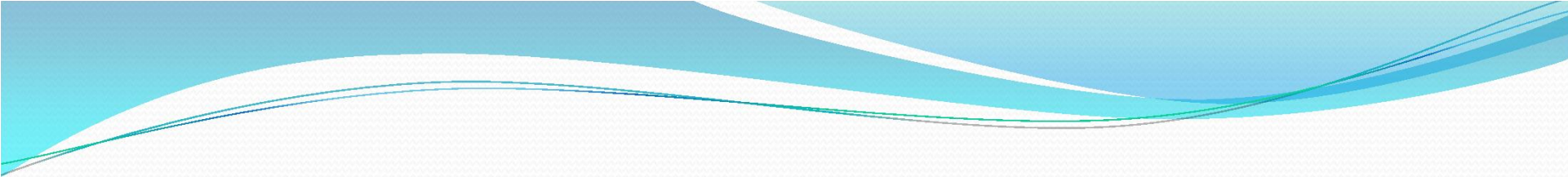


d) Not under direct sunlight

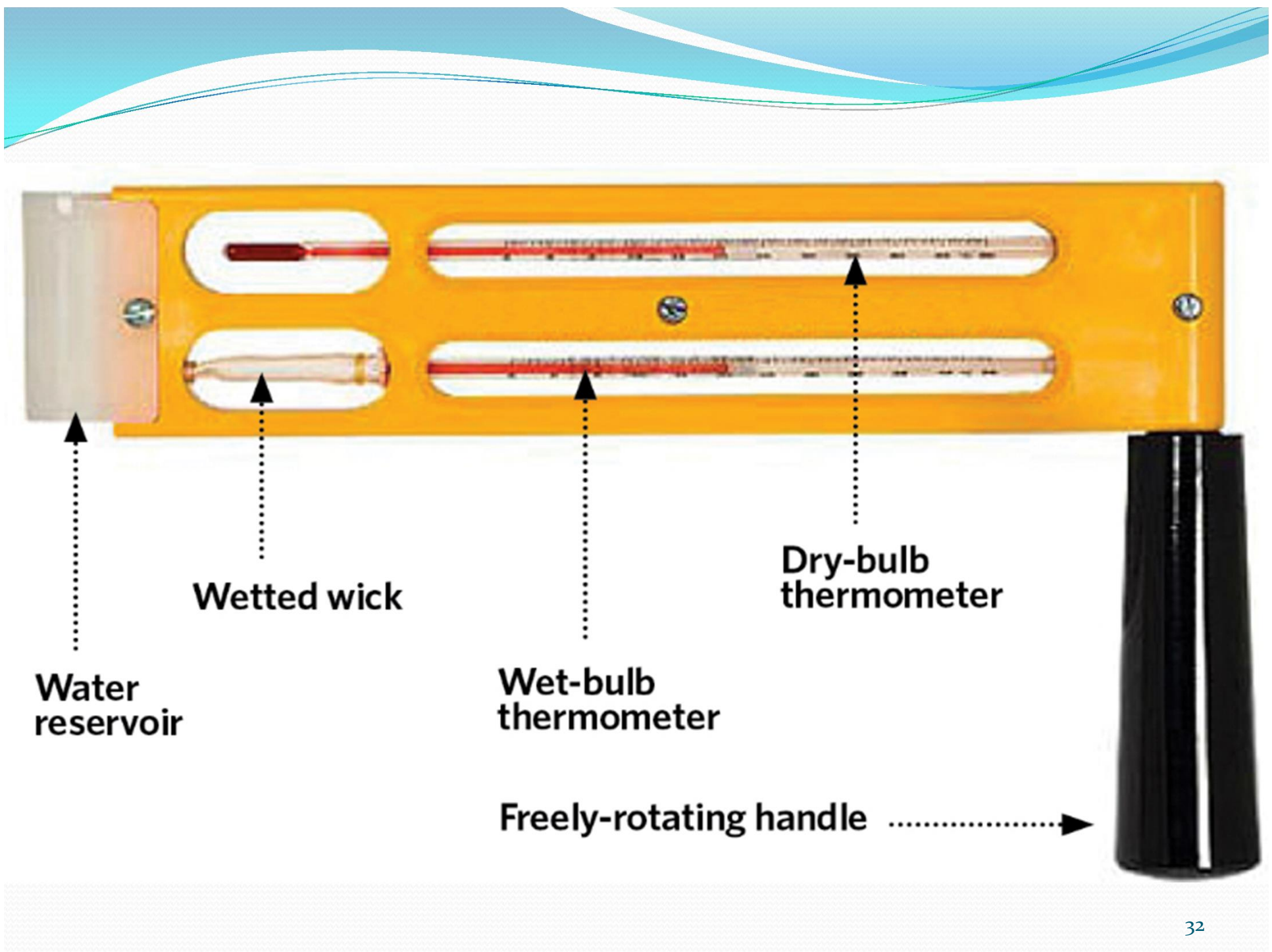


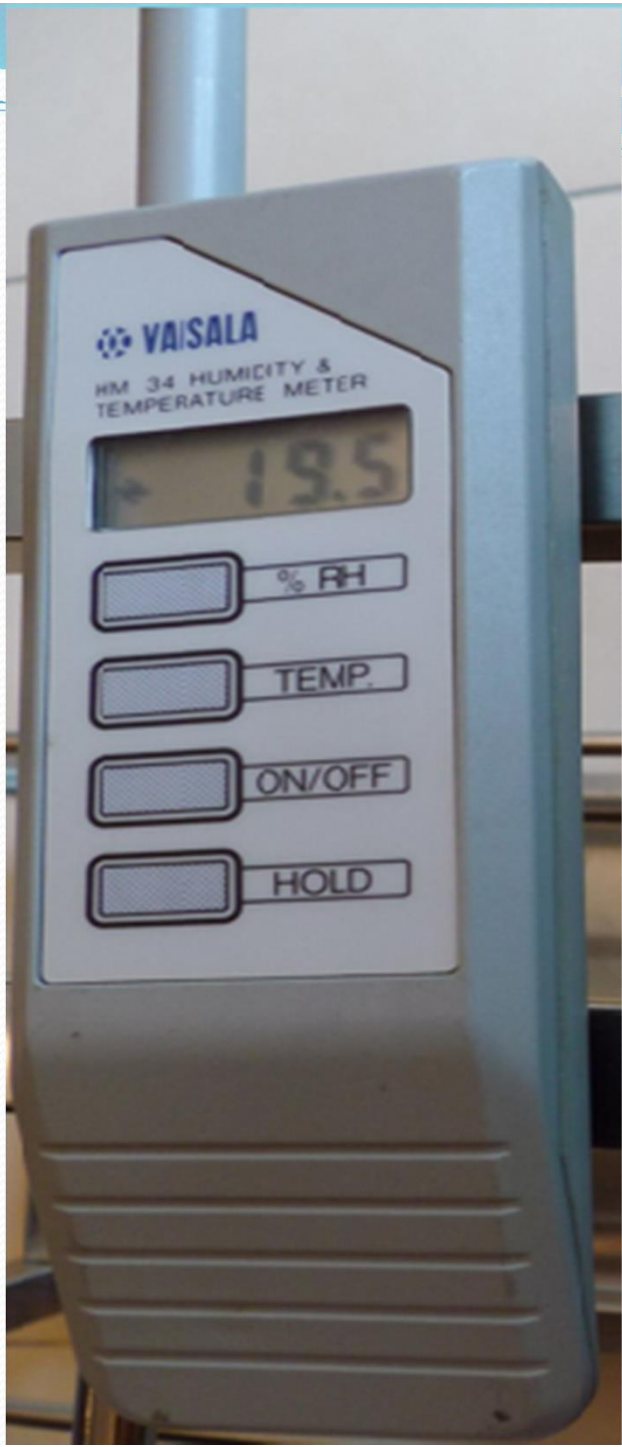


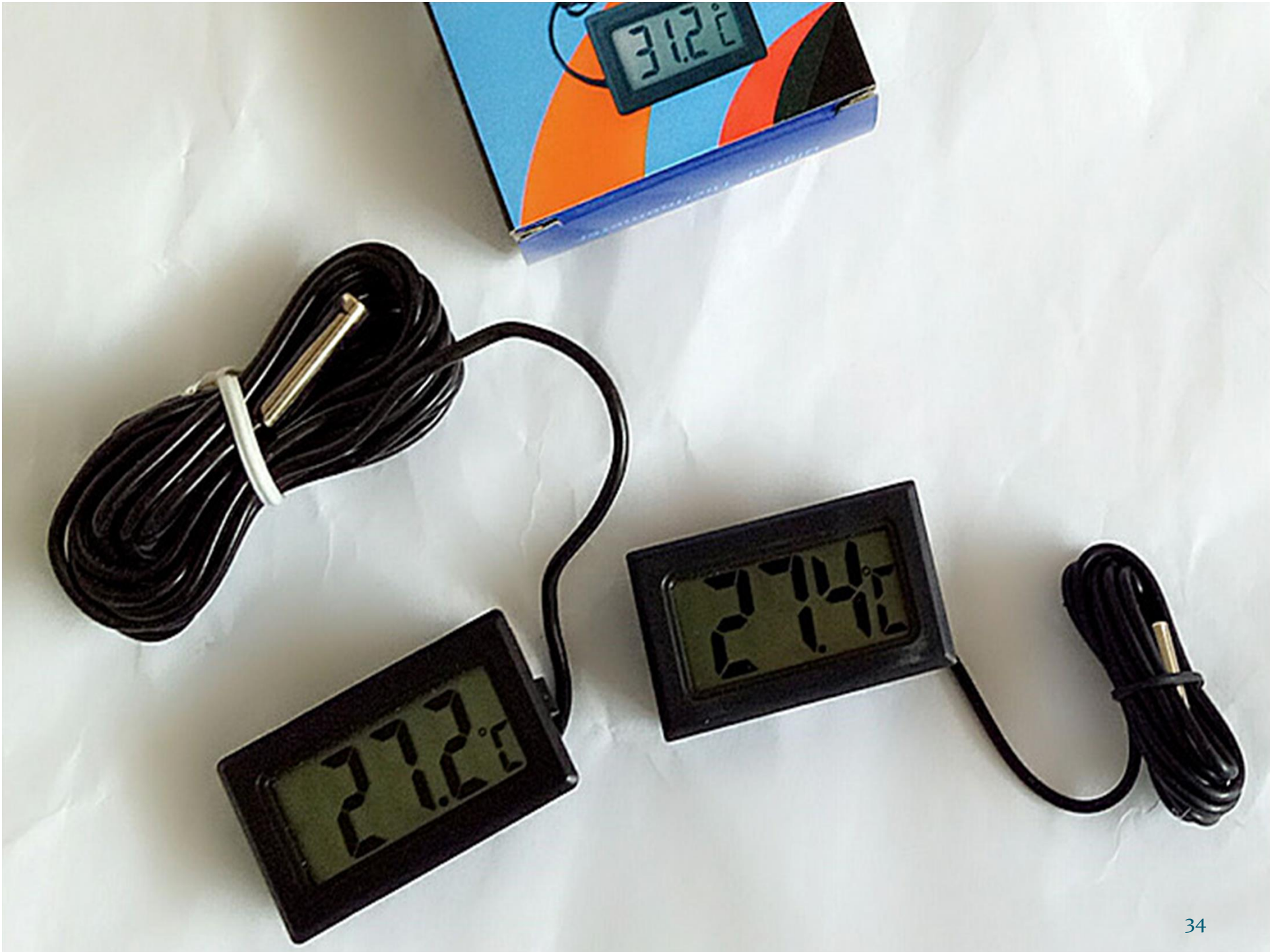
e) At a height of about 1.1 metres
above the floor level for
physical measurement



By Electronic or Mechanical thermometer

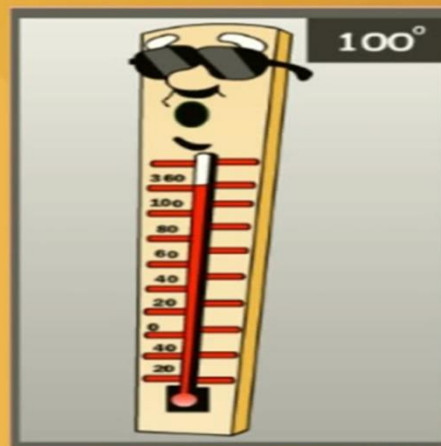






C. Measuring Instrument

Types of Thermometers





1

Temperature readings captured by the BMS



2

Electronic/ Mechanical thermometer

(Adequate measuring time, normally one minute)



3

Seek assistance from building management offices for capturing air temperature readings



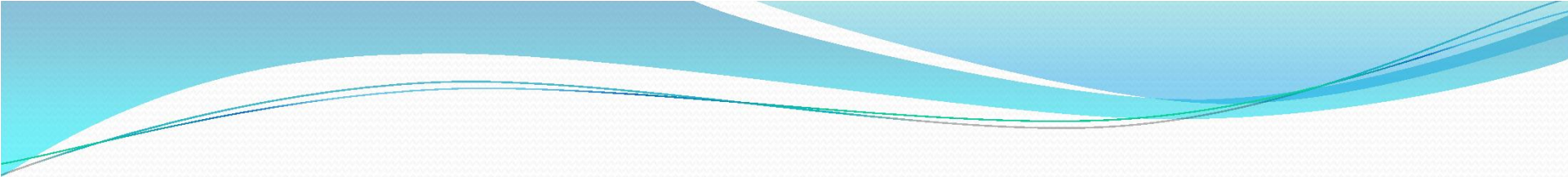
D. Records of Temperature Measurement



Keep a record of the routine temperature measurements for their future reference and review



E. Enquiry



Charter Secretariat
of the
Energy Saving Charter 2018
at
3155 3977



For details

[http://www.energysaving.gov.hk/
esc2019/en/charter/index.html](http://www.energysaving.gov.hk/esc2019/en/charter/index.html)

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Thank You