Water Heating Policy

a. Central water heating for entire building/wing is to be avoided.

b. Solar water heating provision is to be provided for one bathroom in each residential unit of top 5 floors of a multi-storied building having height > 30 m only if required by a regulatory need. Even in such homes, regular water geysers are to be provided.

c. If gas is available, unit based central water heating may be considered, with heater installed in kitchen/utility area and horizontal piping within the unit. However, this requires the unit toilets to be located close to the kitchen.

d. The geyser should have inbuilt safety mechanism (e.g. safety valve).

e. In case of buildings > 70 m height, it should be ensured that geysers should have in-built pressure reducing valve to deal with the added water pressure due to greater heights.

f. Hot water connection should be available in basin, shower and bathtub (if applicable), other that Powder Toilet.

g. Following policy to be followed for selection of geyser:

Location	Type of Water Heating Device
Bedroom toilets without bath tub (non-Casa)	35/40 litre 2 KW Storage geyser
Bedroom toilets without bath tub (Casa)	6 litre 1.5/3 KW Instant geyser
Bedroom toilets with bath tub	45/50 litre 2 KW Storage geyser
Servant's toilet (including common servant's toilet)	6 litre 1.5kw/3kw power instant geyser
Powder toilet	None

Comment [Y1]: Revision 3

Comment [Y2]: Revision 3

Comment [Y3]: Revision 3

Comment [Y4]: Revision 3

h. In case of boiler type storage geysers, they should always be installed horizontally and should be mounted on the wall on the base of the false ceiling – they cannot be mounted on the underside of the slab unless the manufacturer confirms that they will work effectively when mounted on the underside of the slab.

i. In case of instant geysers, they should always be mounted vertically on the wall.

j. It is extremely important to ensure that the manufacturer of the geyser is reputed and 2nd class manufacturers are not used. As in 2013, following brands are

recommended for storage geysers (no recommendations currently for instant geysers):

k. AO Smith
l. Racold
m. Ariston
n. Havells*
o. Ketco*
p. Bradford White
q. Any new brand should be introduced only after approval of HOC of Design-MEP team.

* Technical clearance pending – will be finalized before 15.4.13 – assume that these can be used unless policy is updated by 15.4.13.

Comment [Y5]: Revision 3