

KES

Testing Method of Weathering of Liquefied Petroleum Gas

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1. Scope of application

This standard shall regulate the testing method for evaporation of liquefied petroleum gas (LPG).

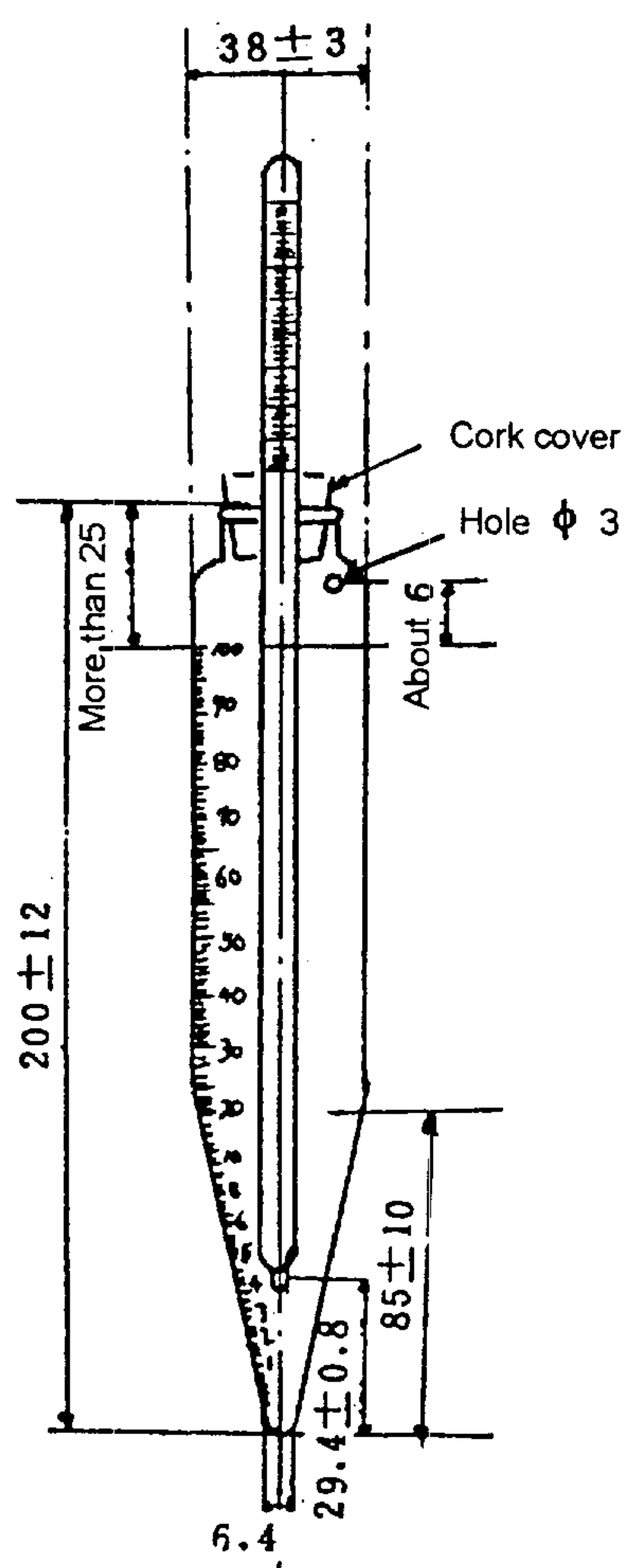
2. Introduction of testing method

Put the sample in a evaporation vessel as shown in figure 1, and vaporize the sample in a normal temperature until its temperature fall down to -12°C . Successively, vaporize the sample in a water bath kept at $16 \sim 21^{\circ}\text{C}$, read the temperature when 95% of the sample evaporate, and convert the value to equivalent one at air pressure (760 mmHg).

3. Device

3.1 Evaporation vessel

Use the vessel made of heat-resistance glass with a shape and dimension shown in figure 1.



Range of scale (ml)	Division (ml)	Allowance (ml)
0.0 ~ 0.1	0.05	0.02
0.1 ~ 0.3	0.05	0.03
0.3 ~ 0.5	0.05	0.05
0.5 ~ 1.0	0.1	0.1
1.0 ~ 3.0	0.1	0.1
3.0 ~ 5.0	0.5	0.2
5.0 ~ 25.0	1.0	0.5
25.0 ~ 100.0	1.0	0.0