



Technical update on Exemption request of 1a of ANNEX IV

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Name of the contact detail

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This update is submitted with the endorsement of the business associations listed below:

 Japan Analytical Instruments Manufacturers' Association (JAIMA)	 Japan Electric Measuring Instruments Manufacturers' Association (JEMIMA)
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We would like to propose the following wording as a result of the technical progress.

No. of exemption in Annex III or IV where applicable: 1a of Annex IV

Proposed wording:

Lead in pH glass electrodes and ion selective electrodes equipped with a pH glass electrode with complex shape as following.

1. Micro Type pH Glass Electrode

Composite electrode that has a spherical or tube-shaped pH responsive glass membrane with a diameter of 4.0 mm or less and a reference electrode with a liquid junction at a position vertically within 6.5 mm from the tip.

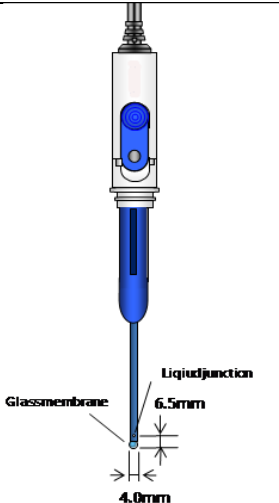
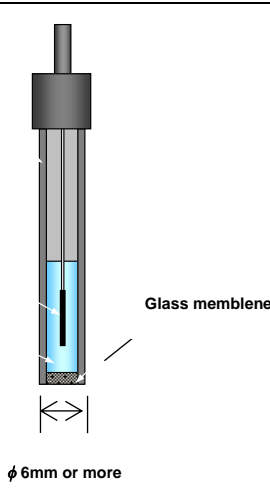
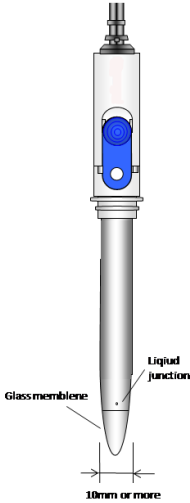
2. Flat Type pH Glass Electrode

pH glass electrode with a flat pH response membrane at the tip of a glass tube with a diameter of 6.0 mm or more.

3. Needle Type pH Glass Electrode

Composite electrode that has a conical pH response membrane with a tip angle of 40 ° or less and with a diameter of 10 mm or more.

Reference data for dimensions mentioned in the above definition

1. <u>Micro Type pH Glass Electrode</u>	2. <u>Flat Type pH Glass Electrode</u>	3. <u>Needle Type pH Glass Electrode</u>
 <p>The diagram shows a vertical electrode with a blue glass membrane at the tip. A horizontal dimension line indicates the diameter of the glass membrane is 4.0mm. Another horizontal dimension line indicates the distance from the tip of the glass membrane to the liquid junction is 6.5mm.</p>	 <p>The diagram shows a vertical electrode with a flat glass membrane at the tip. A horizontal dimension line indicates the diameter of the glass membrane is ϕ 6mm or more. The label 'Glass membrane' points to the flat tip.</p>	 <p>The diagram shows a vertical electrode with a conical glass membrane at the tip. A horizontal dimension line indicates the diameter of the glass membrane is 10mm or more. The label 'Glass membrane' points to the conical tip, and 'Liquid junction' points to the upper part of the electrode.</p>