

## ANNEX IV

### **Applications exempted from the restriction in Article 4(1) specific to medical devices and monitoring and control instruments**

#### Equipment utilising or detecting ionising radiation

1. Lead, cadmium and mercury in detectors for ionising radiation.
2. Lead bearings in X-ray tubes.
3. Lead in electromagnetic radiation amplification devices: micro-channel plate and capillary plate.
4. Lead in glass frit of X-ray tubes and image intensifiers and lead in glass frit binder for assembly of gas lasers and for vacuum tubes that convert electromagnetic radiation into electrons.
5. Lead in shielding for ionising radiation.
6. Lead in X-ray test objects.
7. Lead stearate X-ray diffraction crystals.
8. Radioactive cadmium isotope source for portable X-ray fluorescence spectrometers.  
Sensors, detectors and electrodes
  - 1a. Lead and cadmium in ion selective electrodes including glass of pH electrodes.
  - 1b. Lead anodes in electrochemical oxygen sensors.
  - 1c. Lead, cadmium and mercury in infra-red light detectors.
  - 1d. Mercury in reference electrodes: low chloride mercury chloride, mercury sulphate and mercury oxide.