## Annex B (informative)

## Steam supply; suggested maximum values of contaminants in feed water and condensate

Table B.1 — Contaminants in feed water supplied to a dedicated steam generator

Determinand	Feed water
Residue on evaporation	≤ 10 mg/l
Silicate (SiO <sub>2</sub> )	≤ 1 mg/l
Iron	≤ 0,2 mg/l
Cadmium	≤ 0,005 mg/l
Lead	≤ 0,05 mg/l
Rest of heavy metals except iron, cadmium, lead	≤ 0,1 mg/l
Chloride (Cl')	≤ 2 mg/l
Phosphate (P <sub>2</sub> O <sub>5</sub> )	≤ 0,5 mg/l
Conductivity (at 25 °C)	≤ 5 µS/cm
pH value (degree of acidity)	5 to 7,5
Appearance	Colourless clean without sediment
Hardness (Σ lons of alkaline earth)	≤ 0,02 mmol/l
NOTE Compliance should be tested in accordance with acknowledged analytical methods.	

Table B.2 — Contaminants in condensate from steam supply to the sterilizer measured at the sterilizer inlet

Determinand	Condensate
Silicate (SiO <sub>2</sub> )	≤ 0,1 mg/ l
Iron	≤ 0,1 mg/ l
Cadmium	≤ 0,005 mg/l
Lead	≤ 0,05 mg/l
Rest of heavy metals except iron, cadmium, lead	≤ 0,1 mg/l
Chloride (Cl')	≤ 0,1 mg/l
Phosphate (P <sub>2</sub> O <sub>5</sub> )	≤ 0,1 mg/l
Conductivity (at 25 °C)	≤ 3 µS/cm
pH value (degree of acidity)	5 to 7
Appearance	Colourless clean without sediment
Hardness (Σ lons of alkaline earth)	≤ 0,02 mmol/l
NOTE A method by which a sample of condensate can be taken is given in 22.4.	