

Kind of boiler		Cylindrical boiler	Water tube boiler	Multitubular boiler
Maximum working pressure	Mpa	1	1	1
Kind of make up water		Softening water	Softening water	Softening water
Feed water	pH (at 25C(77F))	5.8 - 9.0	5.8 - 9.0	5.8 - 9.0
	Calcium hardness	mgCaCO ₃ /l	1 or less	1 or less
	Fat and hardness	mg/l	keep lower	keep lower
	Dissilvedoxygen	mg O /l	keep lower	keep lower
	Iron	mg F /l	***	0.3 or less
	Residue on evaporation	ms/m	***	***
	Conductivity (at 25C(77F))	micro S/cm	***	***
	Acid consumption (pH 4.3) (M-Alkalinity)	mgCaCO ₃ /l	***	***
	Acid consumption (pH 8.3) (P-Alkalinity)	mgCaCO ₃ /l	***	***
	Hydrazine	mgN ₂ H ₄ /l	***	***
	Chloride ion	mgCl/l	***	***
Phosphoric acid ion	mgPO ₄ ³⁻ /l	***	***	
Boiler water	Processing	Alkali treatment	Alkali treatment	Alkali treatment
	pH (at 25C(77F))	11.0 - 11.8	11.0 - 11.8	11.0 - 11.8
	Acid consumption (pH 4.3) (M-Alkalinity)	mgCaCO ₃ /l	100 - 800	100 - 800
	Acid consumption (pH 8.3) (P-Alkalinity)	mgCaCO ₃ /l	80 - 600	80 - 600
	Residue on evaporation	ms/m	2500 or less	2500 or less
	Conductivity (at 25C(77F))	micro S/cm	400 or less	400 or less
	Chloride ion	mgCl/l	400 or less	400 or less
	Phosphoric acid ion	mgPO ₄ ³⁻ /l	20 - 40	20 - 40
	Sulfurous acid ion	mgSO ₃ ²⁻ /l	10 - 50	10 - 50
Hydrazine	mgN ₂ H ₄ /l	0.1 - 1.0	0.1 - 1.0	

JIS B 8223



Water quality of the boiler water

Model

All model

Drawing code

CM-014-015-00-0