



Heat exchanger water quality

ITEM			Cooling Water			Cool Water		Possibility	
			Circuit Water		Direct Pump				
			Close circuit	Open circuit	Instant drain water	Close circuit 20°C Below	Open circuit	Corrosion	Scale
Basic Elements	PH(25°C)		6.5~8.2	6.0~8.0	6.8~8.0	6.8~8.0	6.8~8.0	●	●
	EC(25°C)	μS/cm	800	300	400	400	300	●	●
	(Cl ⁻¹)	mg/l	200	50	50	50	50	●	
	(SO ₄ ⁻²)	mg/l	200	50	50	50	50	●	
	(PH4.8,CaCO ₃)	mg/l	100	50	50	50	50		●
	Total (CaCO ₃)	mg/l	200	70	70	70	70		●
	Ca (CaCO ₃)	mg/l	150	50	50	50	50		●
	SiO ₂	mg/l	50	30	30	30	30		●
Reference Elements	Fe	mg/l	1.0	0.3	1.0	1.0	0.3	●	●
	Cu	mg/l	0.3	0.1	1.0	1.0	0.1	●	
	S ⁻	mg/l	N.F	N.F	N.F	N.F	N.F	●	
	NH ₄ ⁻¹	mg/l	1.0	0.1	1.0	1.0	0.1	●	
	Cl	mg/l	0.3	0.3	0.3	0.3	0.3	●	
	CO ₃ ⁻²	mg/l	4.0	4.0	4.0	4.0	4.0	●	
	Stability Value		6.0~7.0	-----	-----	-----	-----	●	●