

Cooling Water, Cold water, Warm Water and Supplying Water Regulations

	ITEM		Cooling Water			Cool Water		Warm Water				Possibility	
			Circuit Water		Direct Pump			Low-Mid Temp Water		Mid-High Temp Water			
			Close circuit	Open circuit		Instant drain water	Close circuit 20℃ Below	Open circuit	Close circuit 20℃ ~60℃	Open circuit	Close circuit 60℃ ~90℃	Open circuit	Corrosion
Basic Elements	PH(25℃)		6. 5~8. 2	6. 0~8. 0	6. 8~8. 0	6. 8~8. 0	6. 8~8. 0	7. 0~8. 0	7. 0~8. 0	7. 0~8. 0	7. 0~8. 0	●	●
	EC(25℃)	μ S/cm	≤ 800	≤ 300	≤ 400	≤ 400	≤ 300	≤ 300	≤ 300	≤ 300	≤ 300	●	●
	(Cl ⁻¹)	mg/l	≤ 200	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 30	≤ 30	●	
	(SO ₄ ⁻²)	mg/l	≤ 200	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 30	≤ 30	●	
	(PH4.8,CaCO ₃)	mg/l	≤ 100	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50		●
	Total (CaCO ₃)	mg/l	≤ 200	≤ 70	≤ 70	≤ 70	≤ 70	≤ 70	≤ 70	≤ 70	≤ 70		●
	Ca (CaCO ₃)	mg/l	≤ 150	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50	≤ 50		●
	SiO ₂	mg/l	≤ 50	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30	≤ 30		●
Reference Elements	Fe	mg/l	≤ 1. 0	≤ 0. 3	≤ 1. 0	≤ 1. 0	≤ 0. 3	≤ 1. 0	≤ 0. 3	≤ 1. 0	≤ 0. 3	●	●
	Cu	mg/l	≤ 0. 3	≤ 0. 1	≤ 1. 0	≤ 1. 0	≤ 0. 1	≤ 1. 0	≤ 0. 1	≤ 1. 0	≤ 0. 1	●	
	S ⁻	mg/l	N. F	N. F	N. F	N. F	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	≤ 0. 3	≤ 0. 1	≤ 0. 1	≤ 0. 1	●	
	Cl	mg/l	≤ 0. 3	≤ 0. 3	≤ 0. 3	≤ 0. 3	≤ 0. 3	≤ 0. 25	≤ 0. 3	≤ 0. 1	≤ 0. 3	●	
	CO ₃ ⁻²	mg/l	≤ 4. 0	≤ 4. 0	≤ 4. 0	≤ 4. 0	≤ 4. 0	≤ 0. 4	≤ 4. 0	≤ 0. 4	≤ 4. 0	●	
	Stability Value		6. 0~7. 0	-----	-----	-----	-----	-----	-----	-----	-----	●	●

The application occasions of TCB, the water quality has to meet below terms.