

Table 7 Water quality items and limits of discharge from seawater desalination plants

Item		Limit	Remarks
Water temperature	Discharge into non-marine surface water bodies	Lower than 38°C (for May to September)	
		Lower than 35°C (for October to next April)	
	Direct discharge to the ocean	Water temperature at discharge point $\leq 42^{\circ}\text{C}$ ; temperature difference of surface water 500m from discharge point $\leq 4^{\circ}\text{C}$	
Hydrogen ion concentration index		6.0~9.0	
Chemical oxygen demand		100	
Suspended solids		50	
Total residual chlorine( or chlorine-produced oxidants )		0.5	1.Total residual chlorine is subject to an effluent salinity of less than 10 psu (Practical Salinity Unit) 2.The chlorine-produced oxidants is subject to an effluent salinity of greater than or equal to 10 psu (Practical Salinity Unit). This should be tested using the chlorine-produced oxidants testing method, but the total residual chlorine testing method shall be used before the chlorine-produced oxidants testing method is announced.
Ammonia nitrogen		20	
Anion surfactant		10	
Grease (Hexane extracts)		10	
Dissolved iron		10	
Dissolved manganese		10	
Cadmium		0.03	
Lead		1.0	
Total chromium		2.0	
Hexavalent chromium		0.5	
Total mercury		0.005	
Copper		3.0	
Zinc		5.0	
Silver		0.5	
Nickel		1.0	
Selenium		0.5	
Arsenic		0.5	

**註解 [KH1]:**

原文:「陰離子界面活性劑」,目前是依照之前舊版的英譯:「**Anion** surfactant」,剛好有查詢到網路上還有另一譯文:「**Anionic** surfactant」,提供給您參考,再煩請確認~