

TH-604 Scale and Corrosion Inhibitor for Power Plant

Properties:

TH-604 is built with organophosphoric acid, polycarboxylic acid, carbon iron and copper corrosion inhibitor. TH-604 can effectively chelate and disperse calcium carbonate, calcium sulfate and calcium phosphate scales. TH-604 has good scale inhibition effect on steel & iron and copper. TH-604 is mainly used in circulating cool water system in power plant, chemical plant, petrochemical, steel & iron. It has the advantages of effective and strong corrosion inhibition.

Specification:

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Thiazole (C ₆ H ₅ N ₃) %	—	1.0min	3.0min
Total phosphoric acid (as PO ₄ ³⁻)%		6.8	
Phosphorous acid (as PO ₃ ³⁻) %		2.25max	
Phosphoric acid (as PO ₄ ³⁻)%		0.75max	
Solid content %		32.0min	
PH (1% water solution)		3.0±1.5	
Density 20°C(g/cm ³)		1.15min	

Usage:

Add TH-604 into plastic pool (or box) every day, dilute with water and continuously add into inlet of dosage pump or metering valve (outlet of collecting tank). Dosage of 5-20ppm is preferred (according to quantity of makeup water).

Package and Storage:

25kg or 200kg in plastic barrel, or confirmed by clients. Storage for one year in room shady and dry place.