

pitting. Tri-Sodium Phosphate, when used in the same quantity as given for scale prevention, will overcome this pitting and corrosion and correct such waters perfectly.

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### **SUGGESTIONS FOR APPLYING TRI-SODIUM PHOSPHATE.**

Tri-Sodium Phosphate is a crystalline substance resembling salt somewhat, and though soluble in cold water is more soluble in warm water, which should be used when dissolving it in feed water. Feeding through injector or suction pump is generally practised. Throwing the solution into feed tank connected with suction pump is usually most convenient when one or two boilers are used, but when boilers are run in batteries a uniform drip from another vessel into feed tank is more desirable, as in this way the Tri-Sodium Phosphate is more properly distributed.

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### **TREATING WATER IN TANKS.**

When the water is very bad, whether from lime, magnesia or organic matters, it is of great benefit to treat the water in large tanks before using in boilers, and although the cost of tanks may seem heavy, yet in most cases the outlay must be found a satisfactory one, particularly where boilers are continuously steamed and in batteries. Tri-Sodium Phosphate will do its work in either hot or cold water. Place Tri-Sodium Phosphate in tank, using four ounces to every thousand gallons tank will hold, then fill, allowing it to stand four to five hours, when the mineral solids and organic matter will have settled, leaving the water, which at first appears cloudy, clean and pure. When this system is adopted, it is well to clean out sediment from the tank often, and for this purpose it is advisable to have suitably large wash-out valves in tanks.