

HYDRO 1020

BOILER SCALE CONTROL

Description

HYDRO 1020 is a phosphate based boiler water treatment which yields internal boiler conditions consistent with standard alkali phosphate control regime of operation indicated for boilers where silica volatility is a concern, and may also be used as the basis of congruent control or coordinated phosphate pH control regimes where necessary. HYDRO 1020 being powder is 100% active, and its balanced formula is suitable for all demineralized waters to give the appropriate boiler water conditions.

COMPOSITION

HYDRO 1020 is a product incorporating all the needs for a balanced internal Coordinated Phosphate type of conditioning program, in compliance with operating standards established internationally, such as ASME, ABMA of USA, JIS from Japan, VGB of Germany and UK FW code.

TYPICAL PROPERTIES

Appearance	: White powder
pH, 1 % solution	: 11.5 – 12.5
Bulk Density	: 1.60 – 1.65
Solubility	: 12.5 gr/100 ml of water

DOSAGE AND FEEDING

HYDRO 1020 being a powder must be fully dissolved in a day tank equipped with mixer

and injected directly to the boiler drum via an appropriate dosing pump operated continuously. After an initial charge has established adequate residuals phosphate in the boiler, ongoing dosage rate will be set to replace chemicals lost in the blowdown, but the concentration levels and rates of injection need to be specifically determined on the basis of expert recommendations according to the type of boiler and water quality. Please consult our Technical Engineer. HYDRO 1020 may be fed along with other conditioning chemical for boiler water.

HANDLING & STORAGE PRECAUTIONS

HYDRO 1020 is an alkaline powder and may cause irritation to the skin. If the premix solution is splashed onto the skin, it must be rinsed off quickly. As with all chemicals, the product must not be handled, rubber gloves should be worn and eye contact must be avoided. Wear goggles when handling the product or its solution. If the powder or solution enters the eyes it might cause damage, if this happens irrigate the eyes for 15 minutes with clean water, rinse with Boric eye wash and immediately seek medical attention.

PACKAGING

In plastic container with a net weight of 25 kg.

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