

HYDRO 310

CATALYSED CORROSION AND SCALE PREVENTATIVE

Product Description & Use :

Hydro 310 is a liquid blend of sulphite, dispersants and alkali. **Hydro 310** is formulated to give excellent inhibition of corrosion and scale in steam boilers.

Hydro 310 is recommended for use in low and medium pressure boilers where pure steam is required in food industries.

Properties :

Colour	clear colored liquid
Odour	nil
Specific Gravity	min. 1.30 at 20°C
pH	8.0 – 9.0

Method of Application :

Solution of **Hydro 310** should be prepared in the chemical dosing tank and added either to the boiler of the feed tank by means of an appropriate pump. (refer diag.1)

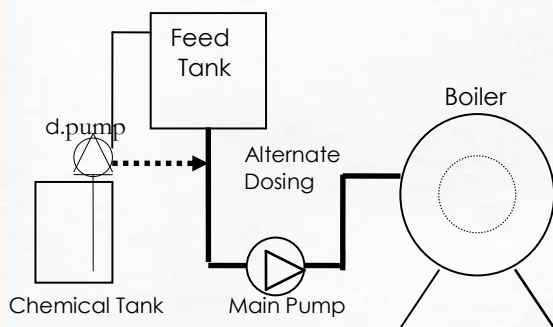


Diagram. 1

Dosing Rates :

Actual quantities of **Hydro 310** required will vary according to :

- (1) Total Steam Production.
- (2) Temperature of feedwater.
- (3) Rate of blow down.

Maintenance Level :

In order to maintain correct levels of **Hydro 310** regular tests should be carried out on the boiler water. The level of sulphite should be maintained at 20-40 mg pre litre of system water at all times. It is recommended that whenever the level of **Hydro 310** falls below this level that the system be redosed.

For exact dosage rates of **Hydro 310**, consult your **Hydro-Chem** representative.

Service :

Hydro-Chem service is Quality Certified to AS/NZS ISO 9002*. The service frequency is dependent on each clients needs. Qualified technical and laboratory support are complementary. Material Safety Data Sheet and test kits are readily available.

Packaging : 25 litres in pail

Handling and Safety :

If solution are splashed on skin; rinse immediately with water. If eyes are splashed, rinse with copious amount of water, obtain medical attention.

Regulatory Status :

Hydro 310 complies with FDA regulations (21 CFR 173.310) for boiler water additives used in the preparation of steam that will contact food.

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