Paco systems
SPECIALIST PAINTS FOR INDUSTRY

CONDENSATE CONTROL

Liquid Condensate Control for Boiler Systems

PRODUCT DESCRIPTION
Concentrated liquid neutralisation agent for corrosion control in condensate and feed water systems.

DIRECTION FOR USE:
CONDENSATE CONTROL is a liquid, volatile alkaline amine, which neutralises the acid contaminants of condensate and feed water systems, so preventing the acid corrosion of system components. The most common cause of acid corrosion in condensate and feed water systems is carbonic acid, which is the result of dissolved carbon dioxide (CO_2) being present in the water.
CONDENSATE CONTROL neutralises these acids and maintains the condensate and feed water in an alkaline condition.

DOSAGE AND CONTROL:
The condensate is tested for pH to determine the dosage level. The minimum pH should be 8.3 the optimum would be between pH 8.5 and 9.0.
A typical dosage for an average 10 metric tonne system would be 0.75L/day.

DOSING METHOD:
CONDENSATE CONTROL is best dosed using a metering pump or a flow meter arrangement. The treatment can be dosed together with oxygen control.
Suitable dosage points are:-

- Condensate pump discharge.
- Hot well or condensate drain tank (with the feed line at least 1 metre below the surface).
- Deaerator storage tank.

PHYSICAL PROPERTIES

Appearance:	Clear Liquid
Specific Gravity:	0.995
Odour:	Amine, “Fish-like”
Stability:	Infinite

Features & Benefits

- Easy to use liquid treatment.
- Neutralises the acids occurring in the condensate system.
- Less maintenance required. Lower operating costs and increased reliability.
- Maintains an alkali condition from the condenser onwards, throughout the system.
- CONDENSATE CONTROL volatilises and carries over with the steam and so is recycled. Dosage is economical and efficient.
- Simple test to determine level of treatment.

Applications

- Used for protection condensate and feed water systems in boiler systems of all pressures.
- CONDENSATE CONTROL can be used in virtually any system requiring protection for acid conditions.
- Part of the co-ordinated treatment programme for boiler systems.

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