Descale It - Application Guidelines

RADIATOR APPLICATION:

1. Drain Radiator.
2. Flush Radiator thoroughly with a mixture of 50 parts water with 1 part Cyndan UBC to thoroughly clean the Radiator.
3. Refill Radiator with maximum 4 parts water to 1 part Descale It in order to minimise any reaction between the acid in the Descale It and the aluminium in the Radiator. This chemical reaction will occur with aluminium with all conventional descaling products so it is therefore a matter of ensuring dilution of the product with water remains within these guidelines at all times during the process.
4. Allow the Descale It / water solution to remain in the Radiator for up to 3 hours depending on PH levels being achieved during the process. You must monitor the PH levels of the liquid and persevere until stable PH levels are being recorded using conventional test strips to test results. Some foaming may be evident during this phase and this does not require any action. The PH level is the key factor to monitor.
5. When a stable PH reading has been achieved, drain and flush the Radiator thoroughly with potable water, for optimal results, use a mixture of 50 parts water with 1 part Cyndan UBC to thoroughly clean the Radiator when it has been drained of the Descale It solution.
6. Refill Radiator and use a reputable solution like Cyndan Corrosion Inhibitor to

BOILER APPLICATION:

1. Drain boiler system. THIS IS ESSENTIAL
2. Flush boiler and its system thoroughly with water.
3. Fill boiler to operating level.
4. Add, initially, 1 part of Descale It for each 2.5 parts of water.
5. Raise temperature of boiler water to 50 degree C. DO NOT EXCEED 60 degree C. OPEN MAN-HOLES and HAND-HOLES to vent gases generatred by descaling process.
6. Maintain pH at 1.5 to 2.0 for 4 - 6 hours. Add additional Descale It as needed to maintain pH at 1.5 to 2.0.
7. Drain system and flush thoroughly.
8. Flush boiler with fresh water until the colour of the pH paper dipped in rinese water shows the same colour as a second of pH paper dipped in tap water.

9. IF SCALE IS STILL PRESENT, REPEAT ABOVE PROCEDURES.

10. Add proper water treatment as required to protect boiler against future development.

CONDENSER SYSTEM APPLICATION:

1. Drain all treatment from entire system. THIS IS ESSENTIAL.

2. Flush with fresh water.

3. Fill tower to operating level and begin operating system.

4. Add, initially, 1 part Descale It for each 2.5 parts of water in system.

5. Circulate tower water for 15 minutes

6. Check pH of tower water.

7. If pH is above 2.0, add more Descale It to lower pH to the 1.5 - 2.0 range.

8. Maintain pH of tower water in the 1.5 to 2.0 range for 4 to 6 hours by further additions of Descale It.

9. Drain and flush tower system very thoroughly.

10. Drain and flush until the colour of the pH paper dipped in the rise water shows the same colour as a second strip of pH paper dipper in tap water. IF SCALE IS STILL PRESENT, REPEAT ENTIRE PROCEDURE.

11. Refill system and add proper amount of water treatment to protect system against corrosion and scale.

Warranty: Cyndan Chemicals warrants that for a period of 24 months from the date of manufacture or for the duration of the published shelf life, whichever is less, that at the time of shipment, the product is free of manufacturing defects and conforms to published specifications in force on the date of acceptance by “the company” of the order. Cyndan Chemicals shall only be held liable under this warranty if the material has been stored, used and applied in accordance with Cyndan’s instructions in the products technical data sheet. Liability is limited to replacement of product.

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