

WATER TREATMENT CERTIFICATE OF CONFORMITY



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Client H+S Aviation Ltd - Cooling Towers (c/t) Date 06-11-2013
Attention of Mike Johansen / Steve Conway Visit Schedule

| SAMPLE | PPM as CaCO ₃ | | | | | Conductivity | as Cl Chloride | as Na ₂ SO ₃ Sulphite Tannin | as PO ₄ Phos- phate | Conc ⁿ Factor | pH | Bromine BC90 Balance | Inhib. Fe Amine SC320 |
|--------------------------|--------------------------|-------|------------|------|----|--------------|-------------------|--|--------------------------------------|-----------------------------|-----|----------------------------|--------------------------------|
| | HARDNESS | | ALKALINITY | | | | | | | | | | |
| | Ca | Total | P | M | OH | | | | | | | | |
| Water Softeners:- | | | | | | | | | | | | | |
| 1 Bed | | NIL | | | | 560 | 30 | | | | 7.5 | | |
| 3+4 Bed | | NIL | | | | 560 | 30 | | | | 7.5 | | |
| LIMITS | | <2 | | | | | | | | | | | |
| E.A.B. | | NIL | | | | 575 | 30 | | | | 7.6 | | |
| ICS | | NIL | | | | 580 | 30 | | | | 7.7 | | |
| Process | | NIL | | | | 550 | 30 | | | | 7.5 | | |
| LIMITS | | <2 | | | | | | | | | | | |
| 1 Bed c/t | | 10 | 20 | 450 | 0 | 820 | 75 | | | 1.46 | 8.9 | 0.5* | NIL 280 |
| 3 Bed c/t | | 10 | 20 | 390 | 0 | 740 | 70 | | | 1.32 | 8.7 | | NIL 245 |
| 4 Bed c/t | | 15 | 30 | 490 | 0 | 930 | 85 | | | 1.66 | 9.1 | | NIL 280 |
| LIMITS | | | | | | | | | | MAX 5.0 | | >0.5 | <0.1 200-400 |
| E.A.B. c/t | | 25 | 80 | 1040 | 0 | 1820 | 160 | | | 3.17 | 9.2 | | NIL 315 |
| ICS c/t | | 20 | 75 | 920 | 0 | 1680 | 140 | | | 2.9 | 9.0 | | NIL 350 |
| Process c/t | | 20 | 60 | 820 | 0 | 1530 | 130 | | | 2.8 | 9.1 | | NIL 280 |
| LIMITS | | | | | | | | | | MAX 5.0 | | | <0.1 200-400 |

COMMENTS/ACTION

* After manual dose.

Water Softeners - All producing good quality soft water.

Cooling Towers:-

1 Bed - Good, although bromine having to be manually dosed.

3 Bed - Very good.

4 Bed - Very good.

E.A.B - Very good.

ICS - Very good, although manually dosing inhibitor (SC320).

Process - (cabinet on wall broken) - Results all good.

| IDENTITY | H & S | PRESENT DOSAGE | FUTURE DOSAGE | EXISTING STOCK | MINIMUM STOCK | SUGGESTED ORDER |
|----------|-------|----------------|---------------|----------------|---------------|-----------------|
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FREESTON CONSULTANT

Ben Asth.

CLIENT'S SIGNATURE