

ANALYTICAL SERVICE REPORT	
Date: 01/09/16	
Customer:	H+S Aviation Ltd
Site name(s):	Airport Service Road & Robinson Way
Email:	Steve.conway@hsaviation.co.uk



ANALYSIS	Water Softener Samples					Cooling tower samples						LIMITS
	1 bed water Softener	3 + 4 Bed Softener Water	TC5 Water Softener	E.A.B Water Softener	Process Water Softener	TC1 Cooling Tower	TC3 Cooling Tower	TC4 Cooling tower	TC5 Cooling Tower	E.A.B. Cooling Tower	Process Cooling Tower	
Total Hardness	Nil	Nil	Nil	Nil	Nil	10	5	30	<10	20	20	Softeners < 2
P.Alkalinity						20	20	60	10	80	50	
M.Alkalinity						580	420	840	440	1,040	620	
OH.Alkalinity						0	0	0	0	0	0	
Chloride	30	30	30	30	30	95	60	160	65	190	120	
Conductivity	590	580	610	580	590	1,030	730	1,700	720	1,940	1,180	
Conc. Factor						1.8	1.3	2.9	1.2	3.3	2.0	Max 5.0
pH	7.5	7.4	7.6	7.4	7.4	8.7	8.4	8.9	8.2	9.1	8.6	
Bromine (ppm)						2.0*	n/a	n/a	n/a	n/a	n/a	≥0.5
Total Fe (mg/l)						<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Inhibitor SC320 Phosphonate						210	245	350	280	350	315	200 - 400
Make - Up water Meter (M3)						24632	139	552	2170	644	-	
Temperature °C						20.8	18.4	28.0	20.0	19.0	24.6	
Bacteria Dipslide	-	-	-	-	-	√	√	√	√	√	√	
Time of sampling						11:05	11:25	11:45	10:50	10:40	12:50	

Comments and recommendation:

Water Softeners – All producing good quality soft water.

Cooling Towers:-

1 Bed Cooling Tower – Shows good results.

3 Bed Cooling Tower – Shows good results.

4 Bed Cooling Tower – Shows good results.

TC5 Cooling Tower – Shows good results.

E.A.B. Cooling Tower – Shows good results.

Process Cooling Tower – Shows good results.

Additional Notes:

Low or empty chemical drums changed for new. All salt topped up today in water softener brine tanks.

*Lower on arrival, dosing time increased today.

Customer Name (print)	Steve Conway	Representative Name (print)	Ben Freeston
Customer Signature		Representative Signature	<i>Ben Freeston</i>