

SENTINEL SYSTEM CHECK REPORT

SENTINEL
Water & Energy Solutions

	Date Of Report	11 May 2009
Sample Taken Date:	Reference No:	102:49016
System name / reference:		
System age:	Older than 6 months	
Sender's name and address:		
Site address:		

Test	Mains Water Results	System Water Results	Recommended Results
Appearance:		1	1 maximum
pH:		7.5	6.5 - 8.5
Conductivity uS/cm:	545	2215	
Chloride ppm:	38	51	
Calcium as CaCO3 ppm:	123	65	Minimum value of 75% of mains calcium
Iron ppm:		24.0	125 maximum if treated with Sentinel X100
Copper ppm:		0.1	1 maximum if treated with Sentinel X100
Aluminium ppm:		0.0	1 maximum if treated with Sentinel X100
Molybdenum ppm:		220	126 minimum unless boron is satisfactory
Boron ppm:		220	135 min

Appearance: 1= Clear, 2 = Slightly turbid, 3 = Very turbid

ppm(parts per million) = mg/l

Comments

System Cleanliness

Appearance of system water is satisfactory
Chloride level indicates satisfactory conditions
Scale formation should not be a problem as the Sentinel X100 level is sufficient to prevent scale from forming.
Iron level is satisfactory. System is treated with Sentinel X100.
Copper level is satisfactory
Aluminium level is satisfactory.
Conductivity is acceptable with respect to system cleanliness.

Further Comment

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Sentinel X100 Concentration

pH is satisfactory
Molybdate level is satisfactory indicating that the level of Sentinel X100 is correct (assuming that Sentinel X100 is used in the system).
Boron level is satisfactory

Recommendations

System Cleanliness

<i>If system flush recommended for any of results above, flush with flushing agent such as Sentinel X400, Sentinel X800 Jetflo or Sentinel Deposit remover, following instructions on bottle. Ensure all cleaner is thoroughly removed.</i>
<i>Refill and treat with Sentinel X100. Flushing can be manual or power assisted. For optimum results the flushing should be undertaken using a power flushing aid such as Sentinel Jet Flush.</i>

Sentinel X100 Concentration

<i>If extra Sentinel X100 is recommended for any of the results above, addition is recommended to manufacturers instructions.</i>

NOTE: Interpretation of results is based on the system being treated with Sentinel X100.

For further information or assistance please visit the Sentinel web site at www.sentinel-solutions.net

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