



Corrosion Coupon Report

Report Date:

P.O. Box 550
Westfield IN, 46074
317-867-4477

Account Name:

Address:

Sales Rep:

Analysis#:

Date Sampled:

Date Received:

Date Tested by Lab:

	RACN Tower	RACN Tower
Installed Date		
Removed Date		
Metal		
Metal Type		
Serial Number		
MPY		

Note: MPY = mils per year. 1 mil=1/1000 of an inch.



Photograph of actual coupons installed in system.

Analysis performed by method ASTM-G1.

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Understanding Corrosion Coupons

Corrosion coupons are an inexpensive method for monitoring corrosion rates of various metals in several types of water systems. Corrosion coupons are a critical component of an effective water treatment program. Studies can be run for any period of time, but the most common study durations are 30, 60, and 90 days. There are recommended methods for corrosion coupon installation, but any method can provide some useful data on how a program is performing with respect to corrosion.

Our company has compiled the following general industry guidelines for recommended coupon corrosion rate determinations. Please remember that there may be exceptions to the general guidelines, based on unique system characteristics. Each coupon should also be examined for deposits and/or localized pitting attack.

Open Recirculation System - MPY

Coupon Condition	Mild Steel	Copper / Brass	Stainless Steel	Aluminum
Excellent	< 1.00	<0.10	<0.10	< 0.50
Good	1.01 - 3.00	0.11 - 0.20		0.51 - 2.00
Fair	3.01 - 5.00	0.21 - 0.30		2.01 - 5.00
Poor	5.01 - 10.00	0.31 - 0.50		5.01 - 10.00
Unacceptable	> 10.10	> 0.51	> 0.11	> 10.10

Closed Recirculation System - MPY

Coupon Condition	Mild Steel	Copper / Brass	Stainless Steel	Aluminum
Excellent	< 0.20	< 0.10	< 0.10	< 0.05
Good	0.21 - 0.50	0.11 - 0.25		0.06 - 0.15
Fair	0.51 - 1.50	0.26 - 0.35		0.16 - 0.35
Poor	1.51 - 2.00	0.36 - 0.50		0.36 - 0.50
Unacceptable	> 2.01	> 0.51	> 0.11	> 0.51

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