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## 7G Recertification Course – Proposed Agenda

**Date:** September 25, 2019  
**Instructor:** Mark A. Botsford, District Manager, *The Metro Group, Inc.*  
**Location:** Builders Exchange of Rochester  
180 Linden Oaks  
Rochester, NY 14625

TIME	AGENDA	HOURS
8:30 am	<b>Registration –Coffee</b>	(5 credits 5 hours)
8:45 am	<b>1. New York State Cooling Tower Compliance Program</b> <ul style="list-style-type: none"><li>a. Understand the System</li><li>b. Identify System Hazards</li><li>c. Hazard and Program Control</li><li>d. Monitoring Practices and Corrective Actions</li><li>e. Disinfection and Response Procedures</li><li>f. Validation and Documentation</li></ul>	1 hour
9:45 am	<b>2. Cooling Tower Design and Performance</b> <ul style="list-style-type: none"><li>a. Cooling Tower Designs</li><li>b. Factors that reduce cooling tower performance</li><li>c. Notes on Corrosion</li><li>d. Notes on Scale</li><li>e. Suspended Solids</li><li>f. Microbiological Problems</li><li>g. Water Treatment Calculations</li></ul>	1 hour
10:45 am	<b>Break</b>	
11:00 am	<b>3. Pesticide Applicator Training</b> <ul style="list-style-type: none"><li>a. Integrated Pest Management</li><li>b. Prevention and Control</li><li>c. Micro-biocides<ul style="list-style-type: none"><li>1. oxidizers</li><li>2. non-oxidizers</li></ul></li><li>d. Chlorine Dioxide</li></ul>	1 hour
12:00 pm	<b>Lunch Break</b>	
1:00 pm	<b>4. Practical Session</b> <ul style="list-style-type: none"><li>a. Understanding the Pesticide Label</li><li>b. Proper dosing techniques Slug feed vs. continuous</li><li>c. Estimating volumes</li><li>d. Calibrating Chemical Pumps</li></ul>	1 hour
2:00 pm	<b>Break</b>	
2:15 pm	<b>5. Pesticide Safety Education</b> <ul style="list-style-type: none"><li>a. Safe Use of Pesticides – Issues To Be Aware Of</li><li>b. Safe Handling</li><li>c. Pesticide Label and SDS</li><li>d. Personal Protective Equipment</li><li>e. Storage, Handling and Disposal</li></ul>	1 hour
3:15 pm	<b>Questions</b>	¼ hour