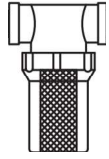
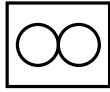
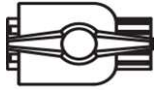




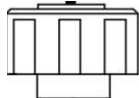
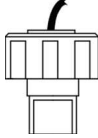





	Title: Cooling Tower Control Traditional Solid Chemical Program Sheet 1 of 3
	Preparer: Anthony Rowen
	Date: August 18, 2021

LEGEND

	Strainer		Flow Meter
	Ball Valve		Flow Indicator
	Motor Operated Valve		Corrosion Monitors
	Sample Port		Injection Port
	Conductivity Meter		Sensor and Control Lines
	pH Sensor		Chemical Feed Lines



Title: Cooling Tower Control
Traditional Solid Chemical Program
Sheet 2 of 3

Preparer: Anthony Rowen

Date: August 18, 2021

Piping Specifications			
Piping	Size	Material	Notes
Sample Line & Blowdown Controller	3/4"	Schedule 80 PVC	None
Solid Chemical Feed Line Upstream Equipment	3/8" (to Eductors, Feeders)	Copper	All pressurized domestic water supplies for chemical feeding shall be copper until reaching equipment
	3/4" (to Bromine Feeder)		
Solid Chemical Injection Tubing Downstream Eductors and Sample Line Solid Feeders	3/8"	Polyethylene Tubing (Indoors)	Approximately 2.5 psi capability lost for every 1 foot of vertical rise of the discharge tubing to the injection point
		Black UV Polyethylene Tubing (Outdoors)	
Solid Chemical Feed Line Downstream Bromine Feeder	3/4"	Schedule 80 PVC	All piping downstream chemical feeding shall be PVC