

Report By:

National TAB  
1329 E. KEMPER ROAD  
SUITE 4210  
CINCINNATI, OH 45246



**Report: WHEEL BYPASS VALVES**

**Function: Test, Adjust, & Balance**

**Date: 11/28/2023**

# PROJECT

## Altium Packaging - Cooling Water System (Lenexa, KS)

11725 W 85th Street

Overland Park, KS 66214

### Client

Clark Nexsen

440 Martin Luther King Jr Blvd

Macon, GA 31201



# National TAB

Project: Altium Packaging - Cooling Water System (Lenexa, KS)

Circuit Setter

**WHEEL PROCESS FLOW DEVICES/**

Asset									
Asset Name	Size	Type	Service	Design GPM	Cv	Setting	Delta P	Final GPM	% to Design
CS1	2"	MANUAL	LINE 1 BYPASS	36	63.67	2.5	0.35 PSI	38	105.6
CS2	2"	MANUAL	LINE 2 BYPASS	36	63.67	2.4	0.32PSI	36	100.0
CS3	NA	NA	NA	36	NA	0	0	0	0.0
CS4	2"	MANUAL	LINE 4 BYPASS	36	63.67	3.0	0.32 PSI	36	100.0
CS5	2"	MANUAL	LINE 5 BYPASS	36	63.67	2.4	0.308 PSI	35.3	98.1
CS6	2"	MANUAL	LINE 6 BYPASS	36	63.67	2.6	0.31 PSI	35.4	98.3
CS7	2"	MANUAL	LINE 7 BYPASS	36	63.67	2.5	0.35	38	105.6
CS8	2"	MANUAL	LINE 8 BYPASS	36	63.67	2.6	0.34 PSI	37	102.8
CS9	2"	MANUAL	LINE 9 BYPASS	36	63.67	2.5	0.33PSI	36.6	101.7
CS10	2"	MANUAL	LINE 10 BYPASS	36	63.67	2.6	0.32 PSI	36	100.0
CS11	2"	MANUAL	LINE 11 BYPASS	36	63.67	2.7	0.35 PSI	38	105.6
CS12	6"	MANUAL	HEADER BYPASS (LINE 1)	100	26.98	1.7	7.65PSI	74.6	74.6
CS13	6"	MANUAL	HEADER BYPASS (LINE 12)	238	82.03	2.8	5.71 PSI	196	82.4
CS14	2"	MANUAL	LAIKOS FILTER	85	63.67	4.0	2.08PSI	92	108.2
CS15	6"	MANUAL	CHILLER	480	NA	8.0	1.22 PSI	477	99.4
Total				1299				1205.9	92.83%