



National TAB

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

HUSKY PROCESS VALVES

| Area Served | MFG | Size | Type | Design GPM | Actual GPM | Delta P Design (PSI) | Delta P Actual (PSI) | Entering P (PSI) | Leaving P (PSI) | Valve Position |
|----------------|-----|------|-----------|------------|------------|----------------------|----------------------|------------------|-----------------|----------------|
| Line 21 | NA | NA | BUTTERFLY | 82 | 86 | 30 | 33 | 52 | 19 | FULL OPEN |
| Line 21 Bypass | RWV | 3" | MANUAL CS | 82 | 82.7 | NA | 26.75 | NA | NA | 2.5 |
| Line 22 | NA | NA | BUTTERFLY | 111 | 116 | 30 | 32.8 | 52 | 18.5 | FULL OPEN |
| Line 22 Bypass | RWV | 3" | MANUAL CS | 111 | 115 | NA | 28.2 | NA | NA | 3.2 |
| Line 23 | NA | NA | BUTTERFLY | 40 | 42 | 30 | 33.06 | 49.6 | 16.6 | FULL OPEN |
| Line 23 Bypass | RWV | 2" | MANUAL CS | 40 | 39.8 | NA | 2.587 | NA | NA | 2.5 |
| Line 24 | NA | NA | BUTTERFLY | 100 | 103.8 | 30 | 32.32 | 50.36 | 18.13 | FULL OPEN |
| Line 24 Bypass | RWV | 3" | MANUAL CS | 100 | 100.5 | NA | 27.06 | NA | NA | 3 |
| Line 25 | NA | NA | BUTTERFLY | 50 | 52.2 | 30 | 32.75 | 50.9 | 18.18 | FULL OPEN |
| Line 25 Bypass | RWV | 2" | MANUAL CS | 50 | 49.5 | NA | 2.98 | NA | NA | 3 |
| Line 26 | NA | NA | NA | 61 | NA | NA | NA | NA | NA | NA |
| Line 26 Bypass | NA | NA | NA | 61 | NA | NA | NA | NA | NA | NA |
| EOR Bypass | RWV | NA | MANUAL CS | NA | NA | NA | NA | 49.2 | 16.1 | 2 |
| Laikos Filter | RWV | 3" | MANUAL CS | 125 | 119 | NA | 4 | 27 | 22 | 3.5 |

Notes:

Line 26 machine not installed. Pipe rough-ins are present but they are closed off