

L I Q U I D C O N T R O L S

DATA COLLECTION SHEET

PAGE: _____
DATE: _____
REVISION: _____

| | | |
|-----------------------------------|-------------------|--------------|
| A REPRESENTATIVE: | CONTACT: | |
| CUSTOMER: | ADDRESS: | |
| CONTACT: | TELEPHONE: | EXT.: |
| PROJECT: | P.O. No.: | |
| INSTRUMENT IDENTIFICATION: | | |
| SERVICE: | | |

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|--------------------------------|---|--|---|--|------------------|
| B LIQUID TO BE METERED: | 1. GENERIC NAME | 2. MANUFACTURER | 3. TRADE NAME/NUMBER | | |
| 4. VISCOSITY AT METERING TEMP | 5. SPECIFIC GRAVITY AT STD CONDITIONS | 6. pH | 7. SOLIDS CONCENTRATION | 8. PARTICLE SIZE | 9. SETTLING RATE |
| 10. BOILING POINT | 11. SHEAR SENSITIVE ABOVE: FT/SEC. FLOWS | 12. AIR DRIES LEAVING: CRYSTALS <input type="checkbox"/> SKIN <input type="checkbox"/> NOTHING <input type="checkbox"/> | 13. LUBRICITY: GOOD <input type="checkbox"/> FAIR <input type="checkbox"/> NONE <input type="checkbox"/> | 14. NON-AQUEOUS <input type="checkbox"/> AQUEOUS <input type="checkbox"/> | |

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| C SERVICE CONDITIONS: | 1. LINE SIZE: INLET OUTLET | 2. INLET LINE LENGTH: | 3. LINE PRESSURE RATING: | 4. LINE TEMPERATURE RATING: | |
| 5. FLOW RATE MINIMUM NORMAL MAXIMUM | 6. TEMPERATURE RANGE: MINIMUM NORMAL MAXIMUM °F <input type="checkbox"/> °C <input type="checkbox"/> | | 7. FLOW RATE CONTROLLED BY ANY DEVICE UNCONTROLLED <input type="checkbox"/> | | |
| 8. SOURCE OF TEMPERATURE: WATER <input type="checkbox"/> STEAM <input type="checkbox"/> OIL <input type="checkbox"/> ELECTRICAL <input type="checkbox"/> | 9. LOCATION OF METER: SHELTERED <input type="checkbox"/> OUTSIDE <input type="checkbox"/> | 10. FIXED INSTALLATION <input type="checkbox"/> | 11. PORTABLE UNIT <input type="checkbox"/> | 12. BATCHING/DRUMMING <input type="checkbox"/> | |
| 13. PROCESS CONTROL <input type="checkbox"/> | 14. INVENTORY CONTROL <input type="checkbox"/> | 15. OTHER <input type="checkbox"/> EXPLAIN BELOW: | | 16. DRAINED <input type="checkbox"/> | ALWAYS FULL <input type="checkbox"/> |
| 17. AMOUNT OF AIR/VAPOR/GAS PRESENT NONE <input type="checkbox"/> LIMITED <input type="checkbox"/> UNLIMITED <input type="checkbox"/> | 18. FLUSHED OR PURGED WITH: REGULARLY <input type="checkbox"/> DETAIL ONLY AT START-UP <input type="checkbox"/> | | | | |
| 19. SOURCE OF PRESSURE GRAVITY <input type="checkbox"/> POS HEAD FT. NEG HEAD FT. RECIPROCATING PUMP <input type="checkbox"/> CENTRIFUGAL PUMP <input type="checkbox"/> ROTARY POSITIVE DISPLACEMENT PUMP <input type="checkbox"/> VAPOR/AIR PRESSURE <input type="checkbox"/> | 20. DRAWING FROM MULTIPLE TANKS <input type="checkbox"/> A SINGLE TANK <input type="checkbox"/> ABOVE GROUND <input type="checkbox"/> BELOW GROUND <input type="checkbox"/> | | | | |

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| D PERFORMANCE REQUIREMENTS: | 1. ACCURACY (IN %) WITHIN + - | 2. REPEATABILITY (IN %) WITHIN + - |
| 3. OVER A FLOW RANGE FROM TO | 4. OVER A VISCOSITY RANGE OF TO | 5. BATCHING WITHIN (%) + - |
| 1. MODEL WITH | | |

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|--------------------------|------------------|----------------------|----------|--|--|
| E METER SELECTED: | 3. STRAINER MESH | 4. FLANGES SIZE TYPE | 5. SEALS | 6. FLOW DIRECTION L to R <input type="checkbox"/> R to L <input type="checkbox"/> Bottom to Top <input type="checkbox"/> Top to Bottom <input type="checkbox"/> VERTICAL FLOW <input type="checkbox"/> STEEL CASE <input type="checkbox"/> VERTICAL LEFT <input type="checkbox"/> VERTICAL RIGHT <input type="checkbox"/> | 7. SPECIAL <input type="checkbox"/> SEE DETAILS ON SEPARATE SHEET |
|--------------------------|------------------|----------------------|----------|--|--|

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| F REGISTRATION EQUIPMENT: | 1. LARGE NUMERAL RESETTABLE <input type="checkbox"/> | 2. NON-RESETTABLE <input type="checkbox"/> | 3. TO READ IN | | | |
| 4. RIGHT HAND WHEEL TO BE GRADUATED: ADDED ZERO ON RIGHT <input type="checkbox"/> 1/10's <input type="checkbox"/> 0-9 <input type="checkbox"/> 0-9w/100 GRADS. <input type="checkbox"/> 00-95 w/100 GRADS <input type="checkbox"/> | 5. GROSS <input type="checkbox"/> | 6. NET <input type="checkbox"/> | 7. PRINTER ZERO <input type="checkbox"/> NEPTUNE ZERO <input type="checkbox"/> ACCUM <input type="checkbox"/> OTHER (DESCRIBE) | | | |
| 8. TEMPERATURE VOLUME COMPENSATOR FIXED GRAVITY <input type="checkbox"/> VARIABLE GRAVITY <input type="checkbox"/> | 9. TEMP RANGE | 10. CAPILLARY LENGTH SS <input type="checkbox"/> | 11. BASE TEMP | 12. COEFFICIENT OF EXPANSION | | |
| 13. PRESET SINGLE STAGE <input type="checkbox"/> 10 UNIT DWELL <input type="checkbox"/> 30 UNIT DWELL <input type="checkbox"/> 60 UNIT DWELL <input type="checkbox"/> OTHER <input type="checkbox"/> | 14. RIGHT HAND WHEEL TO INDICATE | | 15. ADDED ZERO <input type="checkbox"/> | 16. DRUMMING <input type="checkbox"/> | | |
| 17. BATCH TOTALIZER <input type="checkbox"/> | 18. MECHANICAL VALVE <input type="checkbox"/> | 19. ELECTRICAL VALVE <input type="checkbox"/> | 20. AIR OPR. VALVE <input type="checkbox"/> | 21. SPRING LOADED <input type="checkbox"/> | 22. SWITCHES SPDT DPDT | 23. SPLASH PROOF <input type="checkbox"/> EXPLOSION PROOF <input type="checkbox"/> |
| 24. MAX. SWITCH RATING AIR/PSI ELECT./VA | 25. SIGNAL GENERATOR DIGITAL <input type="checkbox"/> PUL/ (UNIT OF VOLUME) | 26. TO BE USED FOR | | 27. PULSE PROTECTION REQ'D FOR INDUCTANCE <input type="checkbox"/> OTHER | | |
| 28. DIGITAL TO ANALOG CONVERTER <input type="checkbox"/> | 29. ANALOG SIGNAL: MA @ A FLOW RATE OF | | 30. SECOND PULSER FOR: | 31. PUL/ (UNIT OF VOLUME) | | |

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| G VALVE REQUIREMENTS: | 1. MECH: PRESET <input type="checkbox"/> FAUCET <input type="checkbox"/> | 2. BACK PRESSURE <input type="checkbox"/> | 3. BACK CHECK <input type="checkbox"/> | 4. AIR CHECK <input type="checkbox"/> | DIFFERENTIAL PRESSURE <input type="checkbox"/> |
| 5. HYDRAULIC CONTROL | ELECTRIC <input type="checkbox"/> OTHER <input type="checkbox"/> | 6. ON/OFF <input type="checkbox"/> | 7. TWO STAGE CLOSURE <input type="checkbox"/> | 8. FLOW CONTROL PILOT(S) <input type="checkbox"/> | |
| 9. PRESSURE SUSTAINING <input type="checkbox"/> | 10. PRESSURE REDUCING <input type="checkbox"/> | 11. SURGE CONTROL <input type="checkbox"/> | 12. EMERGENCY STOP <input type="checkbox"/> | 13. THERMAL RELIEF UP STREAM TO DOWN <input type="checkbox"/> | |
| 14. CHECK VALVE <input type="checkbox"/> | 15. PREWIRED JUNCTION BOX <input type="checkbox"/> | 16. THERMAL RELIEF DOWNSTREAM TO UP <input type="checkbox"/> | 17. OTHER OPTIONS: | | |

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| H ACCESSORIES: | 1. 90° ANGLE ADAPTOR <input type="checkbox"/> | 2. 45° ANGLE ADAPTOR <input type="checkbox"/> | 3. EXTERNAL DR. MODULE <input type="checkbox"/> | CABLE DR. <input type="checkbox"/> | 4. SINGLE PULSER <input type="checkbox"/> |
| 5. DUAL PULSERS <input type="checkbox"/> | 6. GROSS COUNTER | 7. RATE OF FLOW INDICATORS: ELECTRICAL <input type="checkbox"/> MECH. <input type="checkbox"/> | | 8. TO READ IN FROM TO FULL SCALE | |
| 9. OTHER: | | | | | |

I SKETCH OF INSTALLATION: See other side.





Fax

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|----------------------------|---------------|
| To: Centro, Inc. | From: |
| Fax: 901-357-1379 | Pages: |
| Phone: 800-344-3286 | Date: |
| Re: | CC: |

Please fill out this specification form and fax to one of the three locations:

Memphis: 901-357-1379

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