1. WELDING SHALL BE PERFORMED IN ACCORDANCE WITH ASME SECTION IX. NO CODE STAMP REQUIRED.
2. ALL WELDS SHALL BE DYE PENETRANT INSPECTED. NO RADIOGRAPHY REQUIRED.
3. DIMENSIONS SHOWN ARE APPROXIMATE. FIELD MEASUREMENT REQUIRED.
4. MATERIAL CERTIFICATIONS REQUIRED.
5. PIPING TO BE PRESSURE TESTED TO 2250 PSI WITHOUT MANUAL VALVE.

ITEM | QTY. | NAME | MATERIAL | DESCRIPTION
---|---|---|---|---
4 | 1 | ball/valve hft | SS - 304/316 | BALL VALVE, SS 0.75IN, BUTT OR SOCKET WELD, 600 PSI
3 | 1 | swagelok 0.375 union | SS - 316 | SWAGELOK UNION SS-600-6
2 | 1 | check valve hft | --- | WARREN CLASS 1500 SWING CHECK VALVE 1503HF, 3/4 INCH SOCKET WELD
1 | 1 | HG inlet piping hft | SS - 304L, ASTM A269 | PIPE, 1/2" SCH 40 ANGLE 1/2" X 1/2"

NOTES
1. ALL DIMENSIONS ARE IN INCHES
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M
3. MACHINED FINISH 125 MICRO-INCHES RMS
4. CONCENTRICITY .010 TIR
5. MACHINED ANGLES FORMED ANGLES
6. BOLTED ANGLES 1/8" 
7. ALL BOLTS AND NUTS SHALL BE M10-1.5MM X 1.25MM LONG
8. WHOLE NUMBERS AND FRACTIONS
9. X DECIMALS
10. XXX DECIMALS

REV: C
DRAWING APPROVALS
DATE: 01/12/2006
V GRAVES
T OCEAN
P SPAMPINATO
V GRAVES
OAK RIDGE NATIONAL LABORATORY
NUCLEAR SCIENCE & TECHNOLOGY DIVISION
REMOTE SYSTEMS GROUP
MERIT EXPERIMENT
HG SYRINGE ASSY
HG INLET ASSY

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