



General Notes

- 1) Take a photo of the display in control room for field replacements
- 2) LT-500/501 probes may be at 90 or 270 (Consult Factory for 180 Deg. Probes)
- 3) If probes are spaced closer than 1.375" C to C, probes must be on 2 sides (90 & 270)
- 4) Minimum probe C-C spacing is 0.75" (using 2 sides)
- 5) Specify if connections are needed for a gage glass (specify 90/180/270 location)
- 6) Typical probe quantity is 10, 12 or 14
- 7) QTS control units contain 4 relays for L, LL, H, HH
Specify each probe for relay set points, if used

ASME Boiler Code

- 1) When a gage glass is included, the probe chamber is a "Water Column" per boiler code
- 2) Water Column must have 1" min. Water & Steam connection size, and 3/4" min. drain size
- 3) Probe Chamber without a gage glass falls under "Remote Level Indicator" or "RLI" category in boiler code
- 4) RLI must have 3/4" min. Water & Steam connection size and 1/2" drain size
- 5) Per boiler code, RLI must have a dedicated display in control room
RLI must be an independant, discrete system to monitor water level

COMPANY _____ PHONE NUMBER _____ DATE _____
 CONTACT NAME _____ RFQ NO. _____
 EMAIL _____ TAG _____

M.A.W.P. MAXIMUM ALLOWABLE WORKING PRESSURE _____
 OPERAT. PRESS. & TEMP. _____
 DESIGN PRESS. & TEMP. _____
 PROBE QUANTITY _____

ADD PROBE CONTROL UNIT YES NO
 ADD REMOTE DISPLAY QTY. 1 QTY. 2
 IF USED, SPECIFY PROBE FOR RELAY SET POINTS
 L _____ LL _____ H _____ HH _____

PROBE CHAMBER MODELS (PROBE TYPE, RATING) LT-500 (TYPE 800, 550F, 1000 PSI)
 LT-501 (TYPE 810, 1100F, 2000 PSI) LT-502 (TYPE 820, 1100F, 3000 PSI)

SELECT WIRING CABLE BUNDLE JUNCTION BOX
STANDARD RLI SYSTEM INCLUDES EITHER A CABLE BUNDLE OR JUNCTION BOX
STANDARD CABLE BUNDLE IS 30 FT. LENGTH, EACH PROBE IS TERMINATED TO CABLE BUNDLE
EACH PROBE PRE-WIRED TO JUNCTION BOX MOUNTED ON PROBE CHAMBER

PROBE LOCATIONS (NOT REQUIRED FOR BUDGETARY QUOTE)
SEND A PHOTO OF REMOTE DISPLAY IN CONTROL ROOM
 PROBE LOCATION MAY BE SPECIFIED FROM WATER CL TO EACH PROBE CL
 OR +/- FROM NWL. NWL MAY BE AT A PROBE OR BETWEEN PROBES
 PROBE LOCATIONS MAY BE SPECIFIED WITH DISTANCE BETWEEN EACH PROBE

1 _____	14 _____	25 _____
2 _____	15 _____	26 _____
3 _____	16 _____	27 _____
4 _____	17 _____	28 _____
5 _____	18 _____	29 _____
6 _____	19 _____	30 _____
7 _____	20 _____	31 _____
8 _____	21 _____	32 _____
9 _____	22 _____	33 _____
10 _____	23 _____	34 _____
11 _____	24 _____	35 _____
12 _____	25 _____	36 _____

WATER/STEAM CONNS _____
 WATER/STEAM C-C _____
 DRAIN CONNECTION _____
 DRAIN VALVE _____
 NORMAL WATER LEVEL _____
 FLANGE FACE TO CHAMBER CL _____
 GAGE CONNECTION _____
 GAGE CONN C-C _____
 NOTES _____