

RFQ and Purchase Order Specification Work Sheets

Section: R406.002
Date: 5-12-2020
Supersedes 11-1-2011
Page 1

Steel Water Columns

REQUIRED INFORMATION:

- * STEAM & WATER CENTERS
 - SIZE AND TYPE OF CONNS.
- * WATER GAGE VALVE CONNS. (SIZE AND TYPE)
 - WATER GAGE VISIBILITY (OR VALVE CENTERS IF EXISTING COLUMN)
- * ALARM VARIATION AND PROBE FUNCTION LOCATIONS
- * N.W.L. LOCATION
- * SPECIFY FIGURE ARRANGEMENT FOR WATER COLUMN CONNS.

TYPE OF COLUMN REQUIRED:

WHISTLE ALARM TYPE

ELECTRODE ALARM TYPE

NO ALARM TYPE

DESIGN PRESSURE

W.G. = WATER GAGE VALVE CONNS.
S&W = STEAM AND WATER CONNS.
G.C. = GAGE DOCK CONNS.

REV	DESCRIPTION	DATE	BY	CHK	APP	DATE	BY	CHK	APP

THIS CLARK-RELIANCE CORP. STRONGSVILLE, OHIO		WORKING DRAWING NO.
FORCED STEEL WATER COLUMN		
6 PROBE DATA SHEET		E040-C

Please complete all information fields in this worksheet and submit with your RFQ (Request For Quote) or Purchase Order. The use of these worksheets has proven to greatly decrease Engineering time and virtually eliminate specification errors.

Reliance®

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Customer: _____
Address: _____
Contact Name: _____
Phone No.: _____
E-mail: _____

Date: _____
P.O. No.: _____
Quote Ref.: _____
On Site Req'd.: _____
Other Info.: _____

REQUIRED INFORMATION

Design Pressure: _____
Design Temperature: _____
Model No.: _____

Environment: Indoor
Outdoor
Hazardous

STEAM & WATER CONNS.

Male Socket Weld
(Pipe Projection): _____
Female Socket Weld: _____
Flange Size: _____
Flange Class: _____
Flange Face: _____
Other (please specify): _____

WATER GAGE VALVE CONNS

3/4" FNPT Connection: Extension Boss
3/4"-300# R.F. Flange:
3/4"-600# R.F. Flange:
3/4"-900# R.F. Flange:
Other (please specify): _____

PROBES

T (450 PSIG) FG (3000 PSIG)
V (900 PSIG) FBRZ (3000 PSIG)
ZG (1800 PSIG) FSB (3000 PSIG)
ZBRZ (1800 PSIG)

PLAN VIEW ORIENTATION

Figure Arrangement required
(see drawing next page) _____

OPTIONS REQUIRED

Junction Box: NEMA 4 NEMA 4X

Integral junction box: NEMA 4 NEMA 4X

Additional probe wire
(specify length required): _____

FlexPak Insulation
Jacket: _____

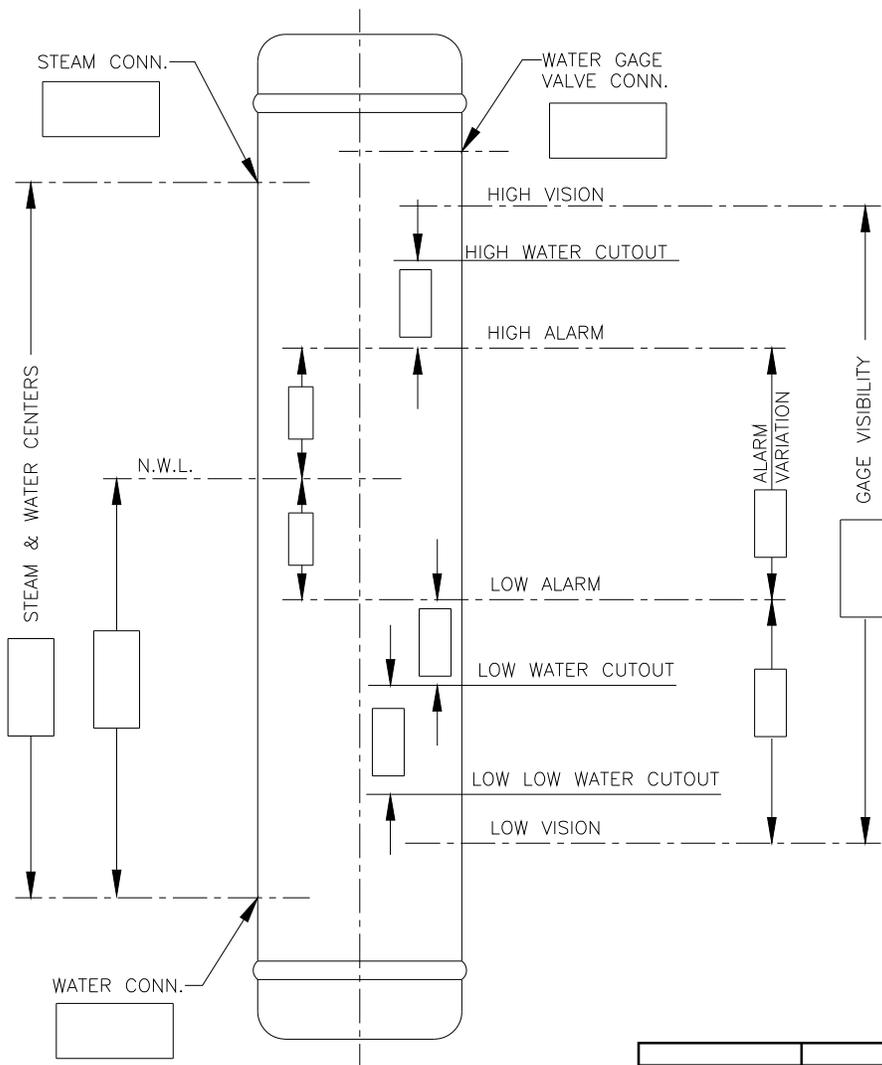
Other (please specify): _____

DRAIN CONN.

3/4" FSW or FNPT is standard (Specify)
Drain Connection (other than standard – specify
size & type Req'd.): _____

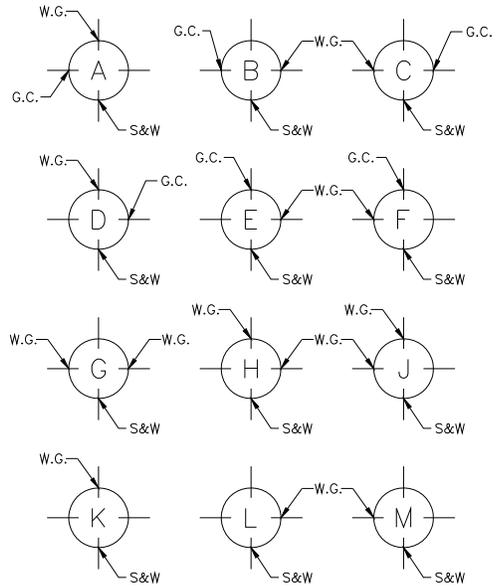
Female Socket Weld: _____
Male Socket Weld
(Pipe Projection): _____
Flange Size & Class: _____
Other (please specify): _____

REQUIRED DIMENSIONAL INFORMATION



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W.G. = WATER GAGE VALVE CONNS.
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Model Number	Probe Model	Max. System WSP			Max. Temp.	
		PSIG	BarG	Kg/cm ²	°F	°C
W0350	T	350	24.1	24.6	432	222
W0450	T	450	31	31.6	456	236
W0600	V	600	41.4	42.2	486	252
W0900	V	900	62	63.3	532	278
W1500	Z	1500	103.4	105.5	596	313
W1800	Z	1800	124.1	126.5	621	327
W2500	F	2500	172.4	175.8	668	353
W3000	F	3000	206.9	210.8	695	368

PROBE FUNCTIONS REQUIRED

NOTE: MAXIMUM NUMBER OF FUNCTION PROBES FOR COLUMNS UP TO AND INCLUDING 1800 PSIG DESIGN IS 6 (INCLUDES COMMON PROBE). WHEN DESIGN IS OVER 1800 PSIG, MAXIMUM NUMBER OF FUNCTION PROBES IS 3 (COMMON PROBE IS NOT REQUIRED)

HIGH ALARM SPECIFY _____
 LOW ALARM SPECIFY _____
 LOW WATER CUTOUT COMMON

Additional notes:
