



SINCE 1908
wessels
company

SUBMITTAL

TYPE: BDT ASME BOILER BLOWDOWN TANKS

MODELS: BDT 21 THRU BDT 606

Submittal Sheet No. B-3202

Date 9-98

JOB _____

Wessels Representative _____

Unit Tag No. _____

Order No. _____ Date _____

Engineer _____

Submitted By _____ Date _____

Contractor _____

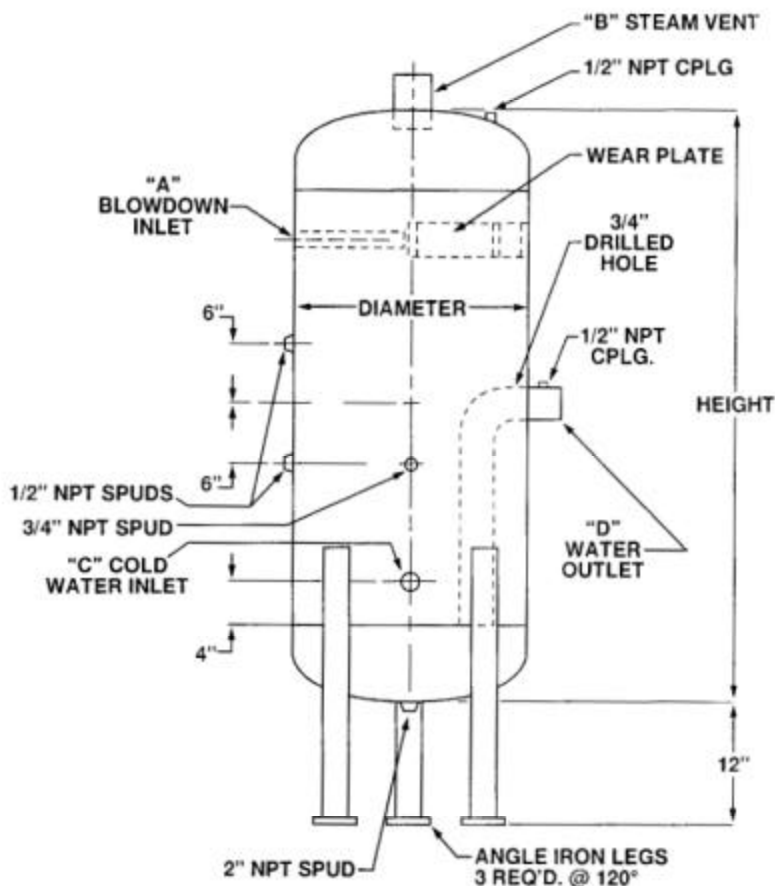
Approved By _____ Date _____

DESCRIPTION

Wessels Type BDT boiler blowdown tanks are designed to reduce temperature and pressure of the blowdown discharge from the boiler. This equipment is essential because it is undesirable to discharge the boiler blowdown directly to a sanitary sewer. The tanks are designed in accordance with Section VIII of the ASME Boiler and Pressure Vessel Code, and stamped for 125 PSI working pressure.

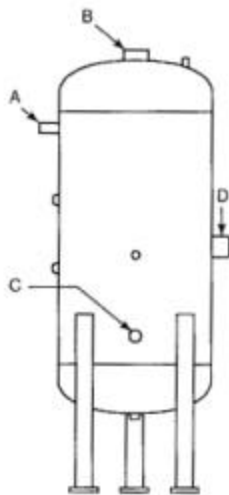
CONSTRUCTION

- ASME Constructed & Stamped
- 125 PSIG Working Pressure
- 3/8" Material Shell and Heads
- 450°F Design Temperature
- Prime Painted Exterior



SEE OTHER SIDE FOR TANK AND CONNECTION SIZES AND SIZE SELECTION CHART

ASME BOILER BLOWDOWN TANKS SIZE SELECTOR CHART



Model Number	Boiler Design Pressure (psi)	Blow-down Size "A"	Steam Vent Size "B"	Cold Water Inlet Size "C"	Water Outlet Size "D"	Blowdown Tank Size	
						Diameter	Height
BDT 21	20 TO 50	3/4	2	3/4	1 1/2	14	66
BDT 22		1	2	1	1 1/2	14	66
BDT 23		1 1/4	2	1 1/4	2 1/2	14	66
BDT 24		1 1/2	2 1/2	1 1/4	2 1/2	14	66
BDT 25		2	3	2	4	18	72
BDT 26		2 1/2	4	2	4	20	72
BDT 51	51 TO 100	3/4	2	1	1 1/2	14	66
BDT 52		1	2 1/2	1 1/4	2	14	66
BDT 53		1 1/4	3	1 1/2	3	18	72
BDT 54		1 1/2	4	2	4	18	72
BDT 55		2	5	2 1/2	4	24	72
BDT 56		2 1/2	6	2 1/2	5	30	78
BDT 101	101 TO 150	3/4	2 1/2	1	2	14	66
BDT 102		1	3	1 1/4	3	14	66
BDT 103		1 1/4	4	1 1/2	3	20	72
BDT 104		1 1/2	5	2	4	24	72
BDT 151	151 TO 200	3/4	3	1	2	14	66
BDT 152		1	4	1 1/4	2 1/2	18	72
BDT 153		1 1/4	5	2	3	24	72
BDT 154		1 1/2	6	2	4	30	78
BDT 156		2 1/2	8	3	5	48	78
BDT 201	201 TO 300	3/4	4	1 1/4	2	18	72
BDT 202		1	5	1 1/2	2 1/2	24	72
BDT 203		1 1/4	6	2	4	30	78
BDT 204		1 1/2	6	2 1/2	4	36	78
BDT 205		2	8	3	5	48	78
BDT 206		2 1/2	10	3	6	54	84
BDT 301	301 TO 400	3/4	4	1 1/4	2 1/2	20	72
BDT 302		1	5	1 1/2	3	24	72
BDT 304		1 1/2	8	2 1/2	4	42	78
BDT 305		2	10	3	5	54	84
BDT 306		2 1/2	10	4	6	66	84
BDT 401	401 TO 500	3/4	4	1 1/4	2 1/2	20	72
BDT 404		1 1/2	8	2 1/2	4	48	78
BDT 405		2	10	3	5	60	84
BDT 406		2 1/2	12	4	8	72	84
BDT 501	501 TO 600	3/4	5	1 1/4	2 1/2	24	72
BDT 502		1	6	1 1/2	3	30	78
BDT 503		1 1/4	8	2 1/2	4	42	78
BDT 504		1 1/2	10	2 1/2	5	54	84
BDT 505		2	12	3	6	66	84
BDT 506		2 1/2	12	4	8	72	84
BDT 602	601 TO 800	1	6	1 1/2	3	36	78
BDT 603		1 1/4	8	2	4	48	78
BDT 604		1 1/2	10	2 1/2	5	60	84
BDT 605		2	12	3	6	72	84
BDT 606		2 1/2	12	4	8	72	84

ALL DIMENSIONS AND FITTINGS SHOWN IN INCHES



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