



CIRCLE  
**S**  
PRODUCTS, INC.

# TECHNICAL BULLETIN

**MODEL:** BDT Boiler Blowdown Tank

TB No.S5200

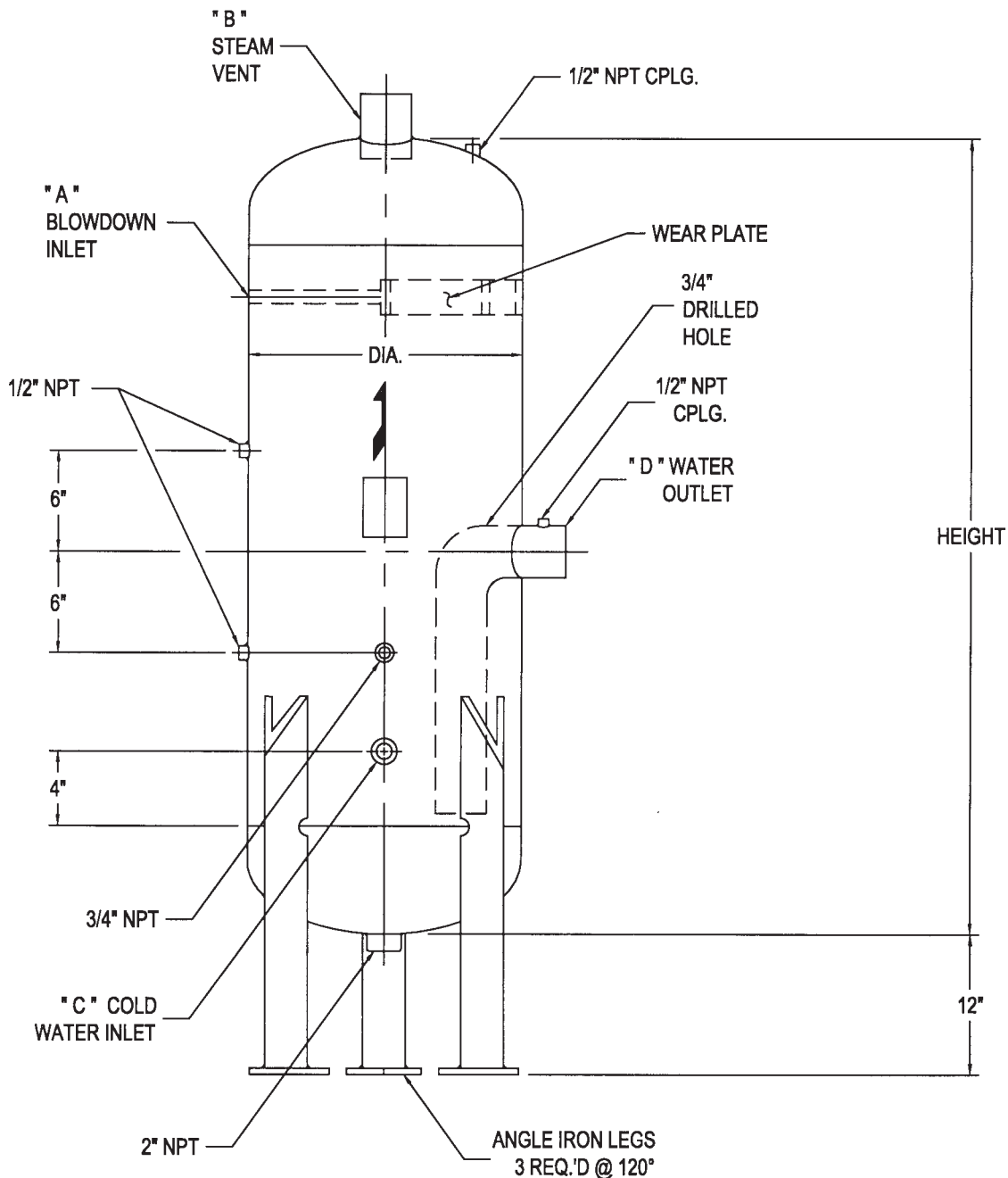
Date 3-01

## DESCRIPTION

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.

## STANDARD

These vessels are designed in accordance with ASME Code Section VIII, Div. 1 and can be ASME Code Stamped.



## BLOWDOWN TANK SIZE SECTOR CHART

BOILER DESIGN PRESSURE (PSIG)	BLOWDOWN SIZE "A"	STEAM VENT SIZE "B"	CLOD WATER INLET SIZE "C"	WATER OUTLET SIZE "D"	BLOWDOWN TANK SIZE	
					DIA	OAL
	3/4	2	3/4	1 1/2	14	66
20	1	2	1	1 1/2	14	66
TO	1 1/4	2	1 1/4	2 1/2	14	66
50	1 1/2	2 1/2	1 1/4	2 1/2	14	66
	2	3	2	4	18	72
	2 1/2	4	2	4	20	72
	3/4	2	1	1 1/2	14	66
51	1	2 1/2	1 1/4	2	14	66
TO	1 1/4	3	1 1/2	3	18	72
100	2	4	2	4	18	72
	2	5	2 1/2	4	24	72
	2 1/2	6	2 1/2	5	30	78
101	3/4	2 1/2	1	2	14	66
TO	1	3	1 1/4	3	14	66
150	1 1/4	4	1 1/2	3	20	72
	1 1/2	5	2	4	24	72
151	3/4	3	1	2	14	66
TO	1	4	1 1/4	2 1/2	18	72
200	1 1/4	5	2	3	24	72
	1 1/2	6	2	4	30	78
	2 1/2	8	3	5	48	78
	3/4	4	1 1/4	2	18	72
201	1	5	1 1/2	2 1/2	24	72
TO	1 1/4	6	2	4	30	78
300	1 1/2	6	2 1/2	4	36	78
	2	8	3	5	48	78
	2 1/2	10	3	6	54	84
	3/4	4	1 1/4	2 1/2	20	72
301	1	5	1 1/2	3	24	72
TO	1 1/2	8	2 1/2	4	42	78
400	2	10	3	5	54	84
	2 1/2	10	4	6	66	84
401	3/4	4	1 1/4	2 1/2	20	72
TO	1 1/2	8	2 1/2	4	48	78
500	2	10	3	5	60	84
	2 1/2	12	4	8	72	84
	3/4	5	1 1/4	2 1/2	24	72
501	1	6	1 1/2	3	30	78
TO	1 1/4	8	2 1/2	4	42	78
600	1 1/2	10	2 1/2	5	54	84
	2	12	3	6	66	84
	2 1/2	12	4	8	72	84

ALL DIMENSIONS AND FITTINGS SHOWN IN INCHES