



Pos.	Qty./mm	N.S.	RATING/SCH.	DESCRIPTION	MATERIALS	REMARK
1	5000	100	SCH 80	SEAMLESS PIPE ASME B.36.10	SA-106 GR B	
2	2	100	SCH 80	ELL. 90 LR ASME B.16.9	SA-133 GR B16.9	
3	2	100	300	FLG. REVN ASME B.16.5	SA-105	
4	2	100	300	GASKET 1/8" THK.	SPIRAL WOUND 304 SS	
5	2	M16X116		101 STUD BOLTS W/ NUTS ASME B.11.1 / ASME B.18.2.2		
6	1	100		GATE VALVE 300, FLG. A-216 WCB		

PIPE SUPPORTS

Pos.	Qty/ Size	Code No.	REMARK
1	1	SP-01	

DESIGN DATA

CODE		ASME POWER PIPING B31.1 - 2009b
DESIGN (INTERNAL)		1200 KPa AT 300 C
DESIGN (EXTERNAL)		0 KPa
OPERATING		1000 KPa AT 280 C
HYDROSTATIC TEST		1800 KPa
TEMP		
DESIGN		300 C
OPERATING		280 C
CORR. ALLOW		3mm
RT		FULL
PWHT		NONE
WIND LOAD		NOT REQUIRED
SEISMIC LOAD		NOT REQUIRED
COOLING & EXPANSION EFFECT		NONE
VIBRATION		NONE
SURFACE PREPARATION		SAND BLAST SA 2.5
INSULATION		NONE

- General Notes**
- ALL BOLTS HOLDS TO STRADDLE THE NORMAL CENTERLINES OR THEIR PARALLELS UNLESS NOTED.
 - AFTER HYDROSTATIC TEST THE PIPE SHALL BE DRAINED AND THOROUGHLY CLEANED TO REMOVE ALL GREASE, SCALE AND OTHER FOREIGN DEBRIS.
 - ALL DIMENSIONS ARE IN mm. UNLESS OTHERWISE SPECIFIED
 - FOR THE DIMENSION TOLERANCE REFER TO THE DRAWING NUMBER M01-70-DWG-010 UNLESS OTHERWISE SPECIFIED.
 - E. JOINT NUMBER

NAME	DATE	Engineering by :
Drawn By		
Checked		
Approved		

AI APPROVAL

Job. No. :	555-0282-10	Tag. No. :	555/282/01
Title :	WATER DRUM TO BLOWDOWN TANK	Dim. : mm	
Scale :	NTS	Rev. :	0

Rev.	Effect	Date	FOR CONSTRUCTION	Drawn By	Chk. By	App. By
1						

REVISIONS LIST

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