



บริษัท วิศวกรรมพัฒนา จำกัด  
ทะเบียนควบคุมเอกสาร

Job No. : 1761/1

Page

Date : 6/02/18

1

No.	Type doc.	Description	Doc.No.	Latest Revision No. / Date Revision					
				0	1	2	3	4	5
1	06-Jan	Shop dwg.	Blowdown tank (10/20LBH10BB001)	Y17-1761/2-DH-BD-TANK-01	06-01-18				

Shop dwg (ASME)

Prepared by : นางนุชา

Receipt by : ท.เสกสรรค์

Note : ส่งNo. = 1 รายการ

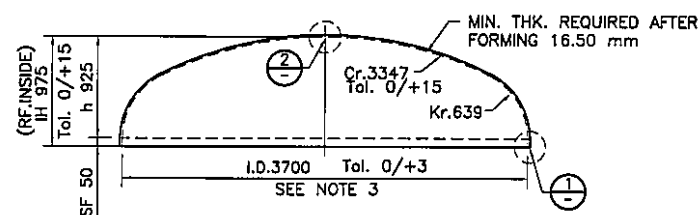
- NOTES :
- 1 : UT BEFORE AND RT AFTER FORMING
  - 2 : PT OR MT AT KNUCKLE INSIDE AND OUTSIDE AFTER FORMING
  - 3 : OUT OF ROUNDNESS,  $\pm 1\%$  BETWEEN MAX. I.D. AND MIN. I.D., PER ASME CODE UG-80 IN (a)(1) AND (a)(2)
  - 4 : FORMING DISHED HEAD TOP BOTTOM PER ASME CODE UG-79
  - 5 : FORMING DISHED HEAD TOP BOTTOM ALL DIMENSION SHOW INSIDE HEAD
  - 6 : TOLERANCE FOR FORMED HEAD PER ASME CODE UG-81(a) AND (d)
  - 7 : 2:1 ELLIPSOIDAL HEADS TOP AND BOTTOM PER ASME SECT. VIII, DIV.1 2015 ED.
  - 8 : I.D. = INSIDE DIAMETER AND O.D. = OUTSIDE DIAMETER
  - 9 : INSPECTION AND TEST PLAN REFERENCE NEM DOC. NO. 21057-109-84-702-001
  - 10 : REQUIRED MATERIAL ASME SA516M-485N (Gr.70N) NORMALIZED
  - 11 : QUANTITIES ON THIS DRAWING ARE FOR ONE TANK  
TWO TANKS ARE REQUIRED  
KKS NR. 10LBH10BB001 & 20LBH10BB001
  - 12 : THE PREFIX BOILER SHALL BE INDICATED AS 10, 20  
FOR HRSG UNIT 10, UNIT 20.....RESPECTIVELY
  - 13 : HRSG NUMBER IS TO BE ADDED AS PREFIX TO COMPLETE EACH ASSEMBLY MARK NUMBER OF THAT BOILER NO.  
EXAMPLE : ASSEMBLY MARK NO. BC05502 OF HRSG UNIT 10 IS 10 BC05502

BOILER NO.  
ASSEMBLY MARK

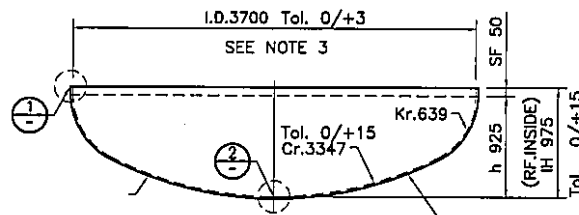
Q'TY LIST BELOW ARE FOR (1) UNIT. TOTAL (2) UNITS ARE REQUIRED			
NO	Q'TY	DESCRIPTION	GRADE.SI (US)
LBH10BB001-0501A	1	PL-20 x 1160 x 4007,	ASME SA516M-485N (Gr.70N)
LBH10BB001-0501B	1	PL-20 x 2300 x 4620,	ASME SA516M-485N (Gr.70N)
LBH10BB001-0501C	1	PL-20 x 1160 x 4007,	ASME SA516M-485N (Gr.70N)
LBH10BB001-0502A	1	PL-20 x 1160 x 4007,	ASME SA516M-485N (Gr.70N)
LBH10BB001-0502B	1	PL-20 x 2300 x 4620,	ASME SA516M-485N (Gr.70N)
LBH10BB001-0502C	1	PL-20 x 1160 x 4007,	ASME SA516M-485N (Gr.70N)

DENOTES: X - Perform, C - Code require, R - Random, I - Internal Req'd

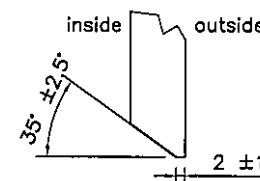
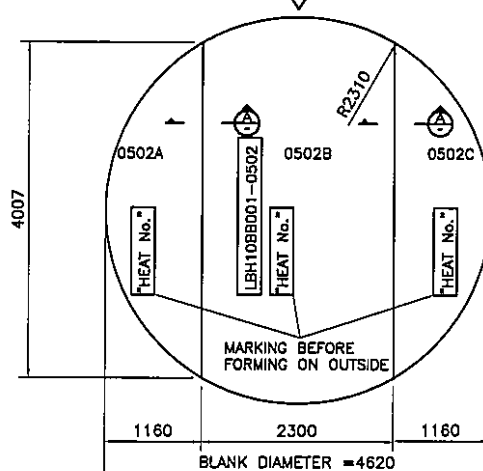
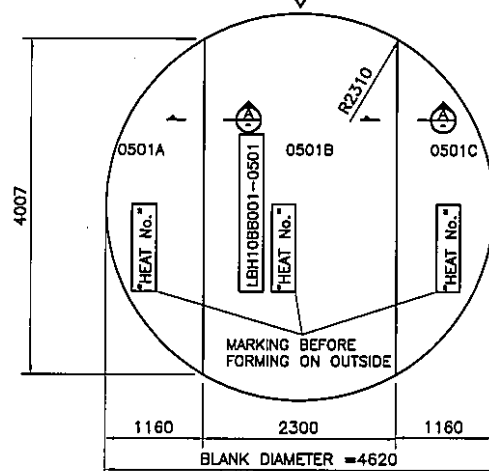
JOINT TABLE		NDE						
JOINT No.	WPS No.	VT	UT	PT	MT	RT	PMI	PWHT
JP014	V-642PW	X	I	I		X		X
JP015	V-642PW	X	I	I		X		X
JP016	V-642PW	X	I	I		X		X
JP017	V-642PW	X	I	I		X		X



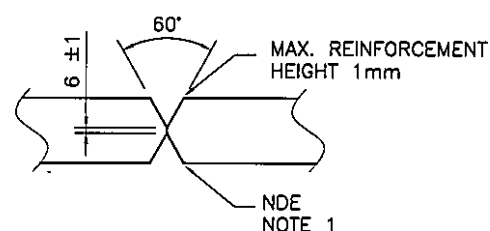
LBH10BB001 0501 = 1 Pc.  
NOT TO SCALE



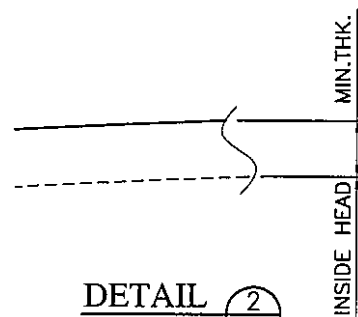
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NOT TO SCALE



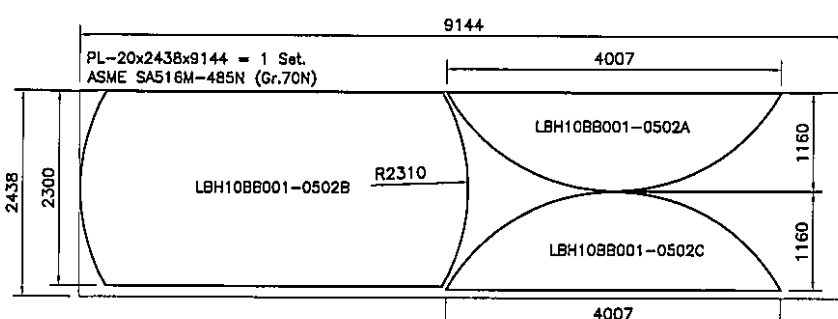
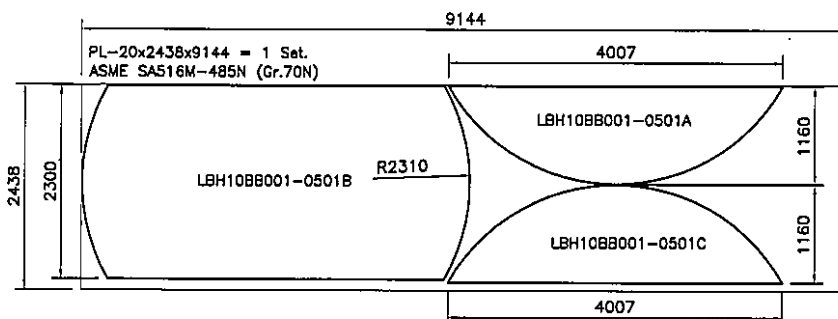
DETAIL 1  
NOT TO SCALE



SECTION A  
NOT TO SCALE



DETAIL 2  
NOT TO SCALE



ASME FOR CONSTRUCTION

NEM is acting as a service provider of Siemens Ltd. Thailand.  
All decisions have to be finally approved by Siemens Ltd. Thailand.  
Siemens Ltd. Thailand has to be involved in all correspondences.

- ☑ (S/N:VM-761-UV-01) TANK NO.10LBH10BB001 UNIT NO.10  
☑ (S/N:VM-761-UV-02) TANK NO.20LBH10BB001 UNIT NO.20

VIPCO DWG. NO.	Y17-1761/2-DH-BD-TANK-01_REV.0		
VIPCO	VISAVAKIT PATANA CORPORATION LIMITED OFFICE: 215/148-149 Procharad 1 Road, Bangkok, Bangkok 10000 Tel: 0-2585-2556-8 Fax: 0-2587-8068 PLANT 1: 23/2 Moo 4, Soi Chai Us, Pathumthani 12000 Tel: 0-2975-2811-4 Fax: 0-2975-2815 PLANT 2: 52 Moo 7, Kubanglung, Ladkiew, Pathumthani 12140 Tel: 0-2973-4001-9 Fax: 0-2973-4010 www.vipco-thai.com Email: vipco@vipco-thai.com		
21057-181-005-002 DETAILS BLOWDOWN TANK			
21057-181-005-001 BLOWDOWN TANK			
DRAWING NO.	DESCRIPTION		
REFERENCE DRAWINGS			
Client	ELECTRICITY GENERATING AUTHORITY OF THAILAND		
Project	SOUTH BANGKOK POWER PLANT REPLACEMENT PROJECT PHASE 1		
Contractor	THE CONSORTIUM OF SIEMENS AKTIENGESellschaft, SIEMENS LIMITED AND MARUBENI CORPORATION		
NEM	NEM Doc. no.	Document Status	
	21057-109-84-XXX-XX		
Project	SOUTH BANGKOK REPLACEMENT PROJECT		PC TH1009
UNID	800442550	DOC Type MTB010	Contents code 00UHA
Variant		Serial no.	
Origin no.		Created with	
Rev.	Date	Drawn	Appr.
00	2017-11-28	SOMNOK	SOMNOK
Weight	Date	Format	Scale
Appr.	2018-01-06	SOMNOK	1:1
Chkd K.P.			
Chkd 1	2018-01-05	SOMNOK	
Drawn	2017-11-28	SOMNOK	
Handling	HANDLING		
SIEMENS	SHOP DRAWING BLOWDOWN TANK (10/20LBH10BB001) 2:1 ELLIPSOIDAL HEADS (ED - TYPE) DETAIL FORMING HEAD		
Client NO.			Rev. 00
Sheet no.			