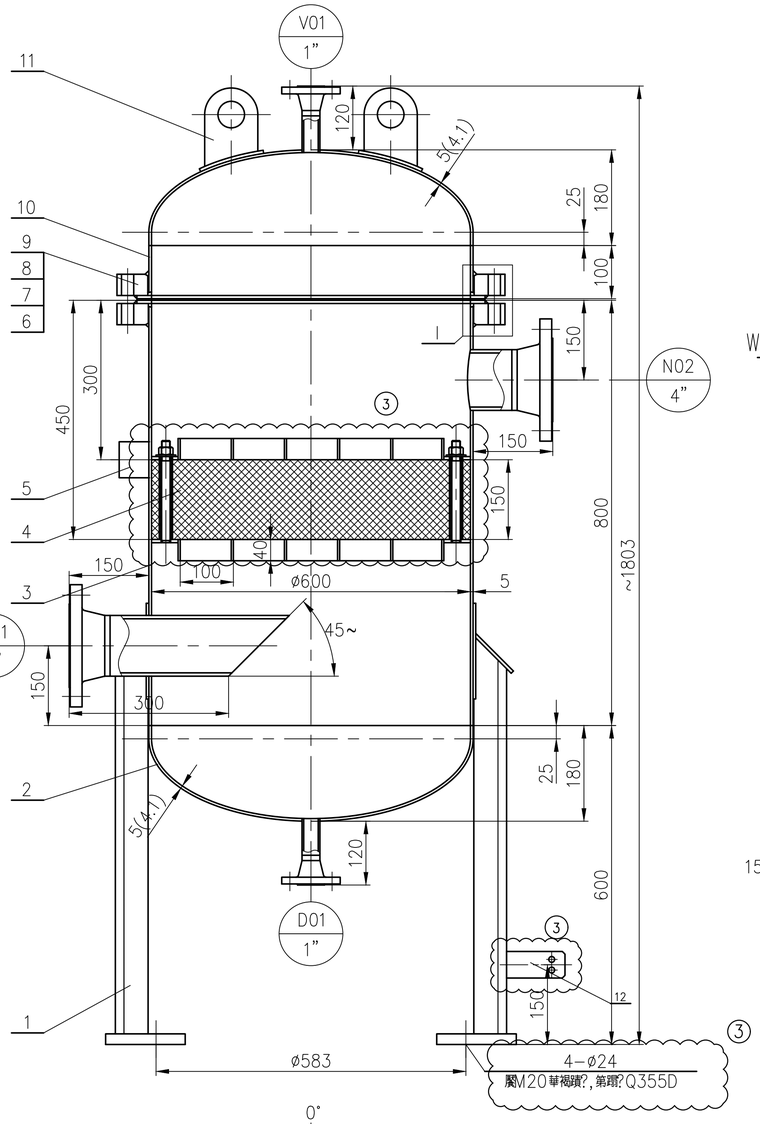


??奪諳桶 NOZZLE SHEET

該奪睫場 MARK	鼠備喜渡 NORMINAL SIZE	蜂該喜渡梓? NOZZLES CONN_STD.	??— 蹉猾醱 TYPE/FACE	?? SERVICE	奪? 喜渡 JUT LENGTH	?提酬僅 LENGTH OF NOZZLE
N01	Class150 4"	ASME B16.5	WN-RF	Steam inlet	ø114X6	150
N02	Class150 4"	ASME B16.5	WN-RF	Steam outlet	ø114X6	150
V01	Class150 1"	ASME B16.5	WN-RF	Vent	ø34X4	120
D01	Class150 1"	ASME B16.5	WN-RF	Drain	ø34X4	120

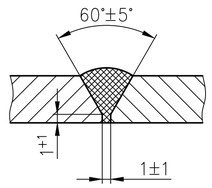
?數??.潰??擂 DESIGN.MANUFACTURE AND INSPECTINON DATA SHEET

梓? 寞毓: 1?GB/T150.1~4-2024▲?著??? "PRESSURE VESSELS"

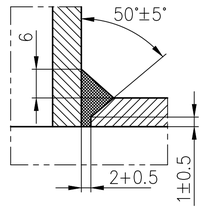
CODE & STD.: 2??TSG 21-2016▲嘐隅??著??假?擏?潼舷寞最??漪1 #?蝌等? "SUPERVISION REGULATION ON SAFETY TECHNOLOGY FOR STATIONARY PRESSURE VESSEL?INCLUDING 1# MODIFICATION FPRM?

靡備 DESCRIPTION		?? CHAMBER	??滻梗 VESSEL CLASSIFICATION	蜇 滻 CLASS I
腡室?詞馭??著 MAX.OPER.PRESS?TOP?	kg/㎝	4	瑞??嘛隅豫 RISK EVALUATING REPORT	祥?? NA
?數?著 DESIGN PRESSURE	kg/㎝	4.4	?數??爛?/??遠棒? DESIGNED LIFE/RECURRENT TIMES	15 爛 15 YEARS
馭??僅 OPERATION TEMPERATURE	℃	151	爾該寞最 WELDING SPEC.	NB/T47015-2023
?數?僅 DESIGN TEMPERATURE	℃	154	壺???罷?,爾該該???佾HG/T20583-2020?寞隅,褒爾該腔爾褒喜渡佾誄情朝嫁僅,楹壁爾該佾??楹壁梓?寞隅,??統?GB/T985.1,2-2008?寞隅	BESIDE OTHERWISE NOTED IN THE DWG, THE TYPES AND DIMESSIONS OF WELDED JIONT SHALL REFER TO HG/T20583-2020. THE HEIGHT OF FILLET SHALL BE EQUAL TO WHICHEVER IS THINNER BETWEEN THE TWO PLATES. THE WELDING OF FLANGE SHALL REFER TO IT'S OWN STANDARD OF FLANGE.OTHER CONSULT GB/T985.1,2-2008.
?膜? 數踢?? 僅 MIN.DESIGN METAL.TEMP	℃	–		
PROCESS FLUID ?? 數?	靡備 CONTENT	??? STEAM		
	濾??凓 TOXIC	?濾 NONTOXIC		
	悸??凓 EXPLOSIVE	淮?惶 UNINFLAMMABLE		
	癢??僅 FLUID DENSITY	kg/㎥ –		
	?著曼?癢?瀕講 SCC MEDIOM	–		
	?梗 GROUP	–		
	?????璃第蹋 MAIN MATERIAL	鰍第蹋桶 SEE TABLE OF MATERIALS		
腹??僅 CORROSION ALLOW.	mm	0		
爾該該???? 褲?/猾? JOINT EFFICIENCY SHELL/HEAD		0.85/1.0		
??僅 FULL CAPACITY	㎥	~0.3		
喃??? CHARGING COEFF.		–		
假?概鐵??著 OPENING PRESS. OF S.V.	kg/㎝	–		
悸??悸??著 BURST PRESS.OF BURST.DISK	kg/㎝	–		
華??減輯僅?梗?僅? SEISMIC INTENSITY		–		
?? 盞 SNOW LOAD	N/㎡	–		
INSUL-ATION ?振?	第蹋 MATERIAL	?蹬 ROCK WOOL		
	綾僅 THICKNESS	mm 50		
??? 25%????	kg/㎝ 當? VERTI	6.1	??潰??? OTHER REQUIREMENTS	鰍? SEE NOTE
??? HYDRO' TEST	kg/㎝ ?? HOR.	6.1	?掘嚎?講 NET MASS	kg 310
??? PNEU. TEST	kg/㎝	–	??祥?詩?講 STAINLESS STEEL MASS	kg –
??? ??碰?? GAS & HYDRO' TEST	kg/㎝	–	?雛??講 MASS FULL OF WATER	kg ~610
??? ?躇???	kg/㎝ 當? VERTI	–	級??講 OPERATING MASS	kg –
??? GAS LEAKAGE. TEST	kg/㎝ ?? HOR.	–	?凜裂?講 MAX MASS LIFTING	kg 310
??? 潰榱 LEAKAGE CHECK	kg/㎝	–	奪諳??源? NOZ.& SUPPORT ORIETATION	佾掛? SEE THE DWG.

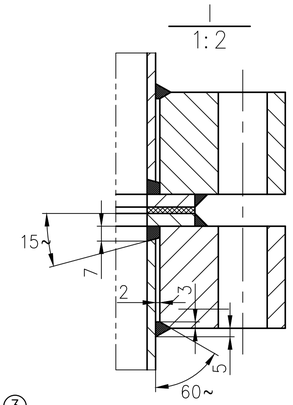
A,B滻爾瑜誹奠
WELD JOINT FOR A,B CATEGARIES WELDING
祥偌掀瞰 No Scale



??該奪D滻爾瑜誹奠
Other Nozzle Welding Detail
祥偌掀瞰 No Scale

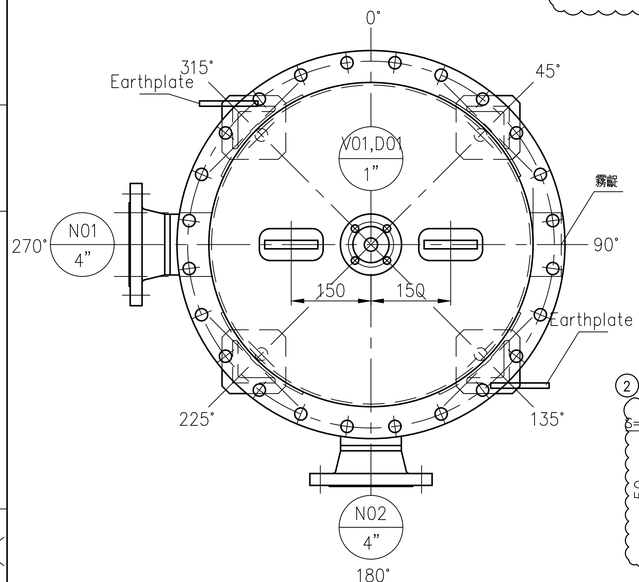


1:2

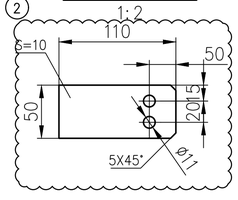


撮 ? ? ? TECHNICAL REQUIREMENTS

1??撮??????蕙熼?瀕講祥遲25mg/L.
CL CONTENT SHALL NOT BE MORE THAN 25mg/L IN WATER DURING HYDROSTATIC TEST.
2??撮??磁跡級,祥?詩楠醱??壺????唻趙揭嶇.
AFTER PRESSURE TEST OF EQIPMENT IS PASSED, GRIND WEDING SEAM OF INNER SURFACE AND THEN DO ACID-WASHING PASSIVATION TREATMENT.
3?濮僮?獚??佾GB/T1954聆腕瞛?????瀕講祥?遲25%?痺??輛?閥葩?寠?揭嶇?獚?瞛???潰聆窒??佾GB/T150.4-2024 4.3.2.1b?瞓??著????等?
?勤僮?獚???輛?葩??
IF THE FERRITE CONTENT TESTED FROM THE COLD-FORMED HEAD IS NOT LESS THAN 25%, A HEAT TREATMENT SHALL BE USED TO RESTORE THE PROPERTIES OF TEH MATERIALS. THE TEST SHALL BE PERFORMED AS PER ITEM 4.3.2.1B IN GB/T150.-2024, AND THE HEAD SHALL BE TESTED ONE BY ONE.
4?悵?睿??佾蜇璃▲22150-00000-MC05??▲22150-00000-MC08??
INSULATION AND PAINTING AS PER ATTACHMENT▲22150-00000-MC05?
?▲22150-00000-MC08?
③



璃12??
Detail Of Item 12
1:2



ITEM NO	DRAW NO. OR STANDARD NO.	DESCRIPTION 靡 備	QTY ?講	MATERIAL 第 蹋	?瀕(Kg) 等	WET ?	REMARK 掘 ?
V01,D01	ASME B16.5	楊犘 1" Class150 WN RF Flange	2	S30408 II	1.14	2.28	
		該奪 ø34X4 Pipe	2	S30408	0.23	0.46	L=69
N02	ASME B16.5	楊犘 4" Class150 WN RF Flange	1	S30408 II		7.49	
		該奪 ø114X6 Pipe	1	S30408		1.4	L=83
N01	ASME B16.5	楊犘 4" Class150 WN RF Flange	1	S30408 II		7.49	
		該奪 ø114X6 Pipe	1	S30408		5.7	L=337
③ 12		該華蜘S=10 Earthplate	2	S30408	0.4	0.8	
11	HG/T21574-2018	裂嫉 TPA-1-1-6 Lifting lugs	2	Q235B/S30408	2.0	4.0	
10		?誹 DN600X5 Shell	1	S30408		6.6	L=88
9	GB/T6170-2015	蹟譫 M20 Nut	48	20	0.06	2.88	
8	NB/T47027-2012	??蹟? M20X150 Stud	24	35	0.31	7.44	
7	NB/T47024-2012	茱? 600-1.0 Gasket	1	RPTFE		/	
6	NB/T47021-2012	楊犘 C-RF 600-1.0 Flange	2	20 II(遮S30408)	43.0	86.0	
5		霧觀 Name plate	1	?磁璃 Subassembly		/	
4	HG/T21618-1998	??壺蘊? S600-150SP Mesh demister	1	S30408		18.0	
3		?? DN600X5 Shell	1	S30408		59.4	L=788
2	GB/T25198-2023	獚? EHA 600X5(4.1) Head	2	S30408	17.0	34.0	
1	NB/T47065.2-2018	?? A3-600-5 Support	4	Q235B/S30408	16.2	64.8	

緇??第蹋 TABLE OF MATERIALS

?璃靡備 PARTS	第 蹋 MATERIAL	?? SHAPE	梓 ? 場 STANDARD NO.	鼎億?? DELIVERY COND.	蜇 樓 ? ? ADDITIONAL REQUIREMENTS
???獚? SHEEL, HEAD	S30408	嘲第 PLATE	GB/T713.7-2023	嘐? SOLID SOLUTION	
楊犘 FLANGE	S30408 II	億璃 FORGING	NB/T47010-2017	嘐? SOLID SOLUTION	
該奪 PIPE	S30408	奪第 PIPE	GB/T14976-2012	嘐? SOLID SOLUTION	濮匿 COLD DRAWING
?掘楊犘 EQUIPMENTFLANGE	20 II	億璃 FORGING	NB/T47008-2017	?鳶 NORMALIZING	

??潰?? N.D.E

該?滻梗 JOINT CATEGORY		潰聆源楊 TEST METHOD	潰聆蓋 EXAM. RATE	梓?—擏?脹摞—摞腹 STD-TECHLEVEL-CLASS
A?B	?? SHELL	RT	20%	NB/T47013.2-2015 AB撰/III撰
	獚? HEAD	RT	100%	NB/T47013.2-2015 AB撰/II撰
??詩爾該該? Dissimilar steel welded joint		PT	100%	NB/T47013.5-2015 I撰

WELDING MATERIAL 爾該蹋

該?滻梗 JOINT CATEGORY	譫第鄽場 TRADEMARK OF PARENT METAL / 譫第蹋鄽場 TRADEMARK OF WELDING METAL
?詩?潔 CARBON STEEL	J427
祥?詩?潔 LOW STAINLESS STEEL	A102
?詩?祥?詩?潔 CARBON STEEL AND STAINLESS STEEL	A302

價掛瑞?? WIND VELOCITY PRESS.	N/㎡ –
蜇樓?盞 ADDITIONAL LOAD	N/㎡ –
?提熗 P.W.H.T.	祥? NO
??錨璃?質盤楫?僅 SURFACE ROUGHNESS OF PART WITHOUT DWG.	50 ▽
?? 嫁? ???? PAINTING,PACKING AND TRANS.REQS	NB?T 10558-2021

标记 MARK	处数 NUMBER	分 区 SUBAREA	更改文件号 REDOCUMENT	签 名 NAME	日期 DATE

S.H 无锡顺华工程设计有限公司
WuXi ShunHua Engineering Design Co.,Ltd.

工程名称 PROJECT: 3?勳/??

设 计 DRAWN BY	
校 核 CHECKED BY	
审 核 AUDITED BY	
批 准 APPROVED BY	
项目负责人 P.M.	

??徹薦? STEAM FILTER ?饜? ASSEMBLY DRAWING

设备位号 ITEM	V-1104
设计阶段 STAGE	???數 Detail Design
图 号 DRW NO	SHSUY25-002-00
版 次 REV	3
日 期 DATE	2025.6.14
比 例 SCALE	1:8
图 幅 DIMENSION	A2
第 1 张 PAGE	共 1 张 TOTAL

??? EXPLANATION
?? MODIFY
?? CHECK BY
?? REVIEW BY
?? DATE
??? MARK