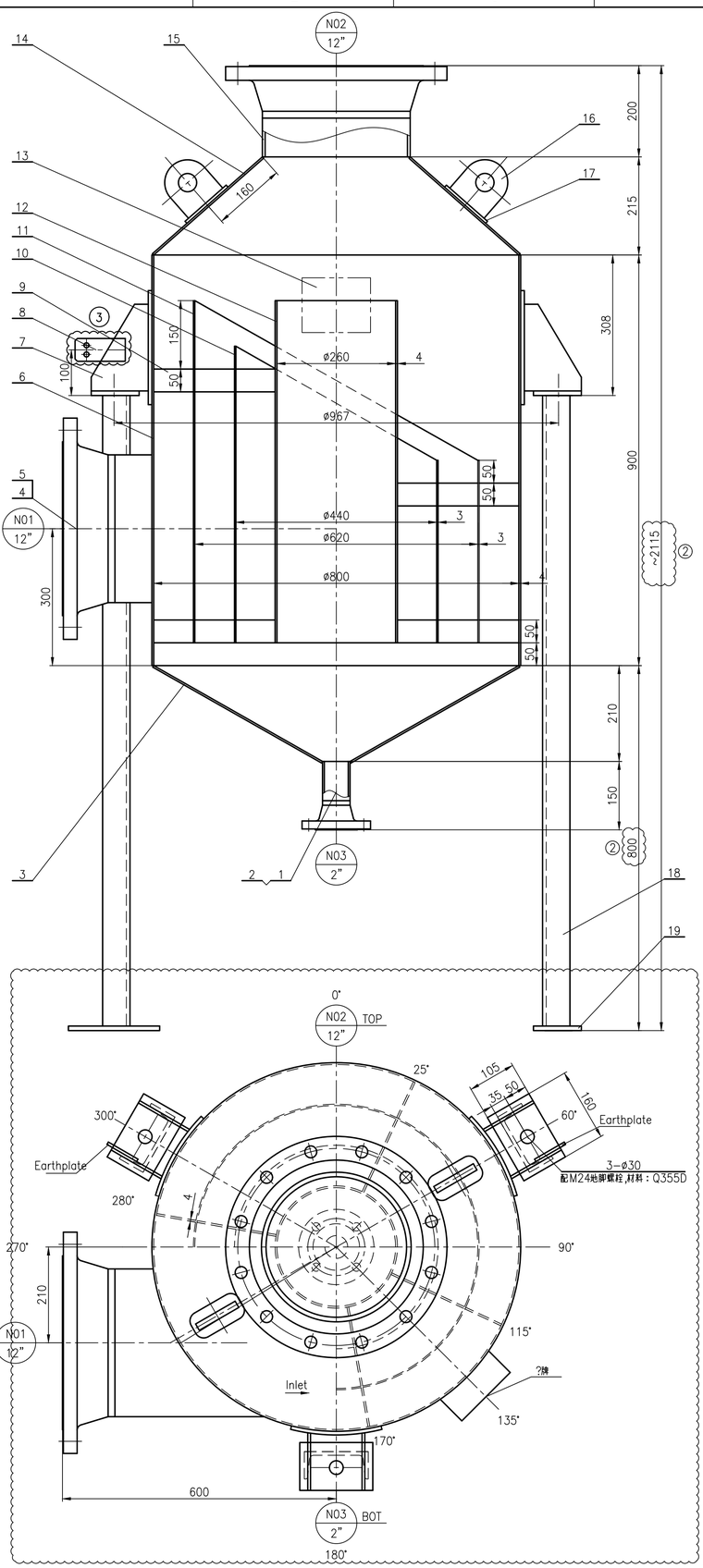
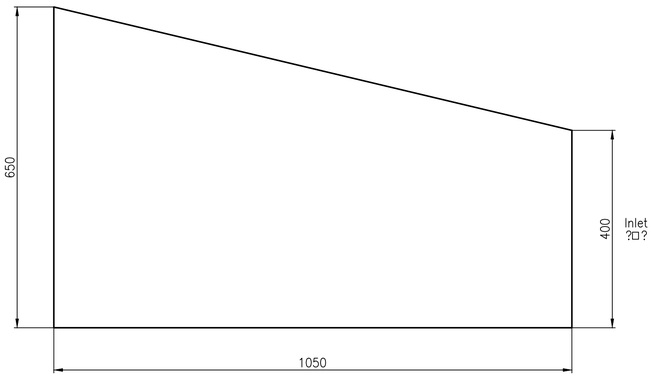
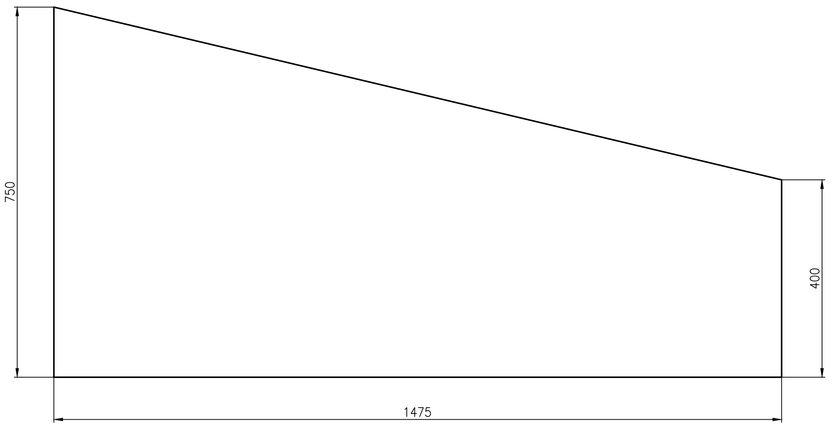


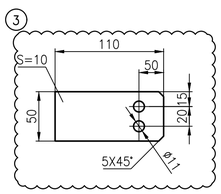
件10??
Detail Of 10
1:6

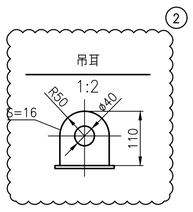


件11??
Detail Of 11
1:6

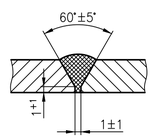


件8??
Detail Of 8
1:2

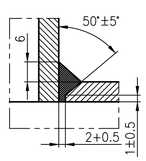




A,B????点
WELD JOINT FOR A,B CATEGARIES WELDING
不按比例 No Scale



接管D????点
Nozzle Weiding Detail
不按比例 No Scale



技 ?要 求 TECHNICAL REQUIREMENTS
1. ??水????水中??子含量不大于25mg/L。
CL CONTENT SHALL NOT BE MORE THAN 25mg/L IN WATER DURING HYDROSTATIC TEST.
2. ????合格后,不??表面?滴脱油?做酸洗?化?理。
AFTER PRESSURE TEST OF EQUIPMENT IS PASSED, GRIND WEDING SEAM OF INNER SURFACE AND THEN DO ACID-WASHING PASSIVATION TREATMENT.
3. 保温和?涂按附件（22150-00000-MC05）（22150-00000-MC08）。
INSULATION AND PAINTING AS PER ATTACHMENT (22150-00000-MC05) , (22150-00000-MC08)

??,制造,??数据
DESIGN,MANUFACTURE AND INSPECTINON DATA SHEET

?准 ?范 CODE & STD.	1、NB/T47003.1-2022（?制?很常?容器） "STEEL WELDED ATMOSPHERIC PRESSURE VESSELS"

名称 DESCRIPTION		容室 CHAMBER
?部最高工作?? MAX.OPER.PRESS.(TOP)	kg/cm²	0.02
??? DESIGN PRESSURE	kg/cm²	0.1
工作温度 OPERATION TEMPERATURE	°C	40
??温度 DESIGN TEMPERATURE	°C	50
最低??金属温度 MIN.DESIGN METAL TEMP.	°C	–
介?? PROCESS FLUID	名称 CONTENT	混合气 Mixed gas
	毒性危害 TOXIC	中度危害 MEDIUM TOXIC
	爆炸危害 EXPLOSIVE	易燃 EXPLOSIVE
	介?密度 FLUID DENSITY	kg/m³ –
	??方案??含量 SCS. MEDIUM	第一??? FIRST GROUP OF MEDIUM
	?? GROUP	–
主要受?元件材料 MAIN MATERIAL		?材料表 SEE TABLE OF MATERIALS
腐?余量 CORROSION ALLOW.	mm	0
?接接?系数 ??体/封? JOINT EFFICIENCY SHELL/HEAD		0.7
容?? FULL CAPACITY	m³	~0.55
充装系数 CHARGING COEFF.		–
安全????? OPENING PRESS. OF S.V.	kg/cm²	–
爆破片爆破?力 BURST PRESS.OF BURST DISK	kg/cm²	–
地震?防烈度（加速度） SEISMIC INTENSITY		–
雪?向 SNOW LOAD	N/m²	–
壳体材料 SHELL MATERIAL	材料 MATERIAL	–
	厚度 THICKNESS	mm –
??水??? HYDRO' TEST	kg/cm² 立式 VERTI	1.3
	?式 HOR.	–
?气??? PNEU. TEST	kg/cm²	–
气液?合?? GAS & HYDRO' TEST	kg/cm²	–
气密性?? GAS LEAKAGE. TEST	kg/cm² 立式 VERTI	–
	?式 HOR.	–
?漏 LEAKAGE CHECK	kg/cm²	–

容器?? VESSEL CLASSIFICATION		?外 OUT CLASS
???告?告 RISK EVALUATING REPORT		不需要 NA
??使用年限/循?次数 DESIGNED LIFE/RECURRENT TIMES		15年 15 YEARS
?接?程 WELDING SPEC.		NB/T47015-2023
?接接?型式及接?形式		除?注明外,?接接?型式按HG/T20583-2020中?定;角?接?的?角尺寸按?薄板厚度?定??接按超?注??准中?定,其余参照GB/T985.1,2-2008中?定。 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
?接材料 WELDING MATERIALS	母材牌号 TRADEMARK OF PARENT METAL	?接材料牌号 TRADEMARK OF WELDING METAL
CARBON STEEL		J427
LOW STAINLESS STEEL		A102
CARBON STEEL AND STAINLESS STEEL		A302

接??? JOINT CATEGORY	???方法 TEST METHOD	??率 EXAM. RATE	?度-?? TOLERD. CLASS
A, B 壳体 SHELL	RT	–	NB/T47013.2-2015 AB?/II?
封? HEAD	RT	–	NB/T47013.2-2015 AB?/II?
????接接? Dissimilar steel welded joint	PT	100%	NB/T47013.5-2015 I?

基本??? WIND VELOCITY PRESS.	N/m²	–
附加?荷 ADDITIONAL LOAD	N/m²	–
?焊 P.W.H.T		不要 NO
未??零件切割面粗造度 SURFACE ROUGHNESS OF PART WITHOUT DWG.		50
油漆,包装,??要求 PAINTING,PACKING AND TRANS.REQS.		NB/T 10558-2021
其它???要求 OTHER REQUIREMENTS		?注 SEE NOTE
????? NET MASS	kg	285
其中不???? STAINLESS STEEL MASS	kg	–
盛?水?量 MASS FULL OF WATER	kg	~835
操作?量 OPERATING MASS	kg	–
最大吊装?量 MAX.MASS LIFTING	kg	285
管口 支座方位 NOZ.& SUPPORT ORIETATION		按本? SEE THE DWG.

二、主要材料
TABLE OF MATERIALS

元件名称 PARTS	材料 MATERIAL	状? SHAPE	?准号 STANDARD NO.	供?状? DELIVERY COND.	附加要求 ADDITIONAL REQUIREMENTS
筒体,封? SHEEL, HEAD	S30408	板材 PLATE	GB/T713.7-2023	固溶 SOLID SOLUTION	
法? FLANGE	S30408 II	?件 FORGING	NB/T47010-2017	固溶 SOLID SOLUTION	
接管 PIPE	S30408	管材 PIPE	GB/T14976-2012	固溶 SOLID SOLUTION	冷拔 COLD DRAWING

三、管口表
NOZZLE SHEET

接管符号 MARK	公称尺寸 NORMINAL SIZE	?接尺寸?准 NOZZLES CONN_STD.	型式-密封面 TYPE/FACE	用途 SERVICE	管子尺寸 JUT LENGTH	伸出?度 LENGTH OF NOZZLE
N01	Class150 12"	ASME B16.5	WN-RF	Gas inlet	ø324X6	200
N02	Class150 12"	ASME B16.5	WN-RF	Gas outlet	ø324X6	?? SEE DWG
N03	Class150 2"	ASME B16.5	WN-RF	Drain	ø60X4	150

序号 ITEM NO.	?号或?准号 DRAW NO. OR STANDARD NO.	名称 DESCRIPTION	数量 QTY.	材料 MATERIAL	?	?	?注 REMARK
19		底板 105X160X10 Bottom plate	3	Q235-A	3.1	9.3	
18		槽? [14b# Channel steel	3	Q235-A	23.1	69.3	L=1382
17		吊耳?板 120X60X6 Lifting lugs	2	S30408	0.5	1.0	
16		吊耳 S=16 Lifting lugs	2	Q235B	2.5	5.0	
15		接管 ø324X6 Pipe	1	S30408		4.1	l=85
14		?? S=4 Cone	1	S30408		12.75	
13		?牌 Name plate	1	?合件 Subassembly		/	
12		接管 ø268X4 Pipe	1	S30408		20.1	L=750
11		?流板 S=3 Guide plate	1	S30408		18.8	L=750
10		?流板 S=3 Guide plate	1	S30408		16.3	L=650
9		筋板 S=4 Stiffener	24	S30408	0.14	3.36	
8		接地板 S=10 Earthplate	2	S30408	0.4	0.8	
7	NB/T47065.3-2018	耳座 A3 Support	3	Q235-A/S30408	6	18.0	
6		筒体 DN800X4 Shell	1	S30408		71.9	L=900
5	ASME B16.5	法? 12" Class150 WN RF Flange	2	S30408 II	39.95	79.9	
4		接管 ø324X6 Pipe	1	S30408		16.3	l=337
3		?? S=4 Cone	1	S30408		17.2	
2	ASME B16.5	法? 2" Class150 WN RF Flange	1	S30408		2.72	
1		接管 ø60X4 Pipe	1	S30408		0.5	L=86

标记 MARK	处数 NUMBER	分区 SUBAREA	更改文件号 REDOCUMENT	签名 NAME	日期 DATE	标记 MARK	处数 NUMBER	分区 SUBAREA	更改文件号 REDOCUMENT	签名 NAME	日期 DATE

无锡苏阳化工装备有限公司 WUXI SUYANG CHEMICAL EQUIPMENT CO., LTD	工程名称: PROJECT: 3万?/年甲?装置
设计 DRAWN BY	王??
校核 CHECKED BY	张???
审核 AUDITED BY	张甲和
批准 APPROVED BY	
项目负责人 P.M.	
?端高效捕集器 TERMINAL EFFICIENT CATCHER 装配? ASSEMBLY DRAWING	设备位号 ITEM: V-1105; 设计阶段 STAGE: 施工?; 图号 DRW NO: 24SY042-015-00; 版次 REV: 3; 日期 DATE: 2025.6.14
比例 SCALE: 1:6; 图幅 DIMENSION: A1; 第 1 张 PAGE; 共 1 张 TOTAL	

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