





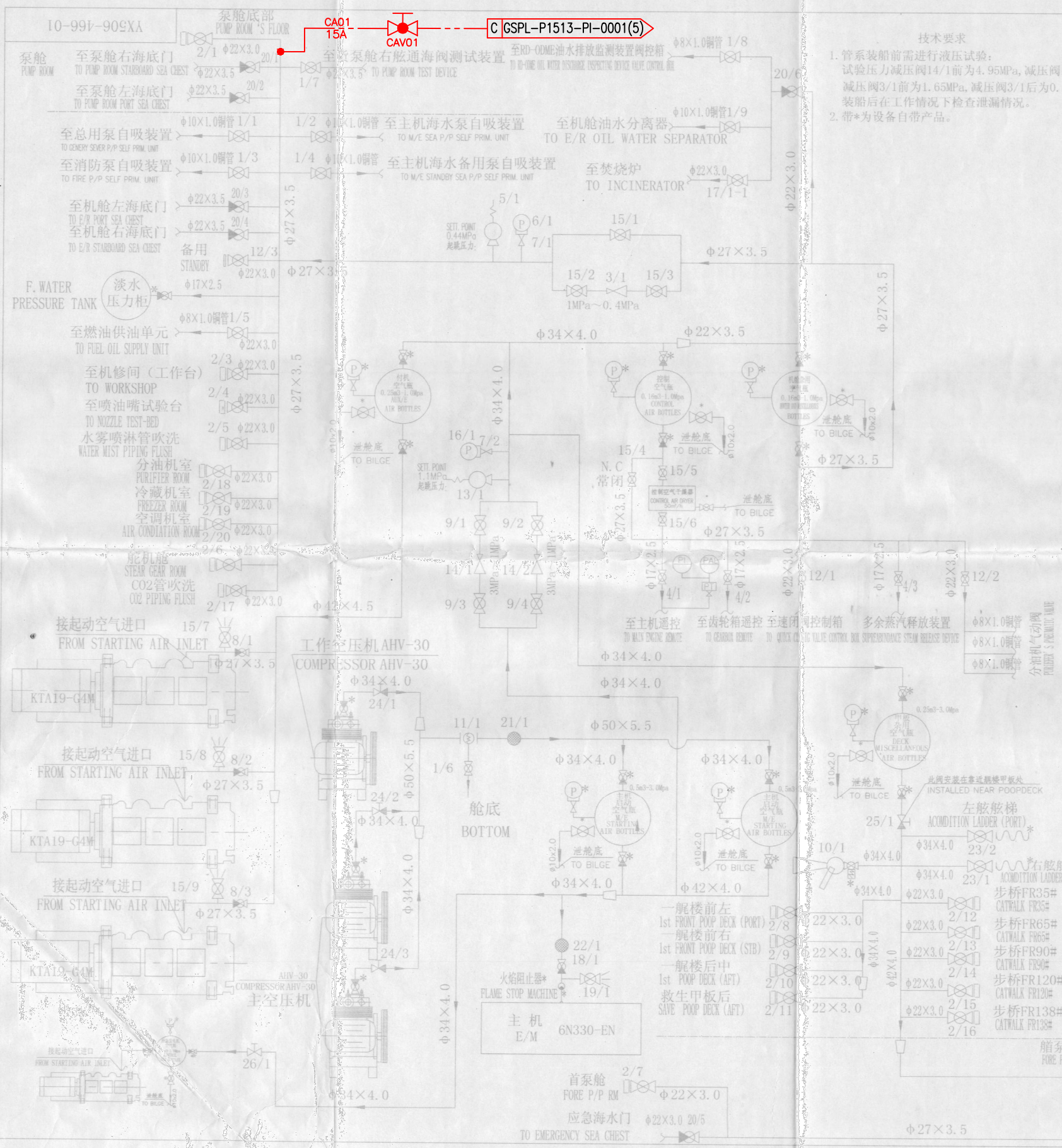
REFERENCE DRAWING/DOCUMENT		
DRAWING No.	Rev.	DRAWING TITLE
GSPL-P1513-PI-0001	D	BWTS PIPING SCHEMATIC

SPECIFICATION OF PIPING SYSTEM															
SYSTEM	DESIGN CONDITION		CLASS	TESTING		NOM. DIA.	PIPE	FITTINGS/FLANGE			GASKET	INSULATION	VALVE		REMARKS
	PRESSURE (bar)	TEMP. (°C)		MEDIUM	PRESSURE (bar)		MATERIAL & SCHEDULE	MATERIAL (FITTINGS)	MATERIAL (FLANGES)	FLANGE RATING			MATERIAL		
													BODY	TRIM	
COMPRESSED (CONTROL) AIR LINE	8	—	III	WATER	12	15A	JIS G3454 STPG370 Sch40	JIS G3454 STPG370	—	JIS 10K	—	—	BRONZE	BRONZE	

No.	ITEM	ITEM NO.	REMARKS
1	PIPE	CA01	
2	VALVE	CAV01–CAV02	

LEGEND				
NO.	SYMBOL	DESCRIPTION		
1		COMPRESSED (CONTROL) AIR LINE		
2		BALL VALVE		

C	29/10/2024	TEMPLATE UPDATED	SK	TT	GC
B	28/10/2024	SPEC. TABLE UPDATED	SK	TT	GC
A	17/10/2024	ISSUED FOR APPROVAL	SK	TT	GC
REV.	DATE	DESCRIPTION	DRAWN BY	CHKD BY	APPRD
		Designed By:			
Client: Orkim Ship Management		BWTS Maker Name:	LeesGreen		
Location: -		IMO No.:	9546825		
Project No: P1513		Project Name:	ORKIM POWER		
Drawing title: COMPRESSED AIR SYSTEM (CONTROL AIR) PIPING SCHEMATIC					
Scale N.T.S	Format A3	Sheet 1	Drawing No: GSPL-P1513-PI-0003		Revision No. C



技术要求
1. 管系装船前需进行液压试验:
试验压力减压阀14/1前为4.95MPa, 减压阀14/1后
减压阀3/1前为1.65MPa, 减压阀3/1后为0.66MPa。
装船后在工作情况下检查泄漏情况。
2. 带*为设备自带产品。

SHIPYARD :JIUJIANG YINXING SHIPYARD CO.,LTD									
SHIP NOS:YX06-7000-03									
TECHNICAL DEMAND									
1. HYDRAULICAL TEST SHOULD BE CARRIED OUT FOR THE PIPING BEFORE SHIPPING: THE TEST PRESSURE BEFORE RELIEF VALVE 14/1 IS 4.95MPa, AFTER THE VALVE 14/1 AND BEFORE RELIEF VALVE 3/1 TURN INTO 1.65MPa, THEN CHANGE INTO 0.66MPa AFTER THE VALVE 3/1. INSPECTING LEAKAGE CONDITION AT WORK AFTER SHIPPING.									
2. THE PRODUCT WITH * IS SOME ACCESSORIES.									
ORKIM POWER									
IMO NO.9548825 OFF NO. 334116									
HULL NO.YX06-7000-03									

序号 NO.	代号 CODE	名称 NAME	规格 SPECIFICATION	材料 MATERIAL	数量 QTY	备注 REMARKS
8	60X5.5 CB3075-87	无缝钢管 SEAMLESS	50	60X5.5	10	ABS II 级
7	42X4.5 CB3075-87	无缝钢管 SEAMLESS	32	42X4.5	10	ABS II 级
6	34X4.0 CB3075-87	无缝钢管 SEAMLESS	25	34X4.0	10	ABS II 级
5	27X3.5 CB3075-87	无缝钢管 SEAMLESS	20	27X3.5	10	
4	22X3.0 CB3075-87	无缝钢管 SEAMLESS	15	22X3.0	10	
3	17X2.5 CB3075-87	无缝钢管 SEAMLESS	10	17X2.5	10	
2	10X1.0	铜管 BRASS PIPE	8	10X1.0	CU	
1	8X1.0	铜管 BRASS PIPE	6	8X1.0	CU	
26/1-1	A40025 GB 595-83	青铜截止阀 STOP VALVE	25	青铜 BRONZE	1	
25/1-1	AS25032 GB/T585-99	截止止回阀 STOP CHECK VALVE	32	铸钢 CAST STEEL	1	
24/1-3	A40025 GB595-83	外螺纹截止止回阀 STOP CHECK VALVE	25	青铜 BRONZE	3	
23/1-2	GB/T590-93 AS16025	截止阀 STOP VALVE	25	铸钢 CAST STEEL	2	
22/1-1	Y25 CB*3251-85	空气过滤器 AIR STRAINER	25	铸钢 CAST STEEL	1	
21/1-1	Y50 CB*3251-85	空气过滤器 AIR STRAINER	50	铸钢 CAST STEEL	1	
20/1-6	CB/T4016-2005 AJ15	截止止回阀 STOP CHECK VALVE	15	铸钢 CAST STEEL	6	
19/1-1	64020 GB/T584-1999	截止阀 STOP VALVE	20	铸钢 CAST STEEL	1	
18/1-1	64025 GB/T585-1999	截止止回阀 STOP CHECK VALVE	25	铸钢 CAST STEEL	1	
17/1-1	A16015 CBM1075-81	截止阀 STOP VALVE	15	青铜 BRONZE	1	
16/1-1	A40025 GB595-83	截止止回阀 STOP CHECK VALVE	20	青铜 BRONZE	1	0-4MPa
15/1-9	A40020 GB595-83	外螺纹截止止回阀 WH. THREAD STOP VALVE	20	青铜 BRONZE	9	
14/1-2	25 3.0-1.0 CB/T3656-94	减压阀 PRESSURE REDUCING VALVE	25	铸钢 CAST STEEL	2	3MPa-1MPa
13/1-1	R6-9020 CB3022-94	安全阀 SAFETY VALVE	20	铸钢 CAST STEEL	1	开阀压力: 1.1MPa 闭阀压力: 1.0MPa
12/1-3	CB/T4015-2005 AJ15	截止阀 STOP VALVE	15	铸钢 CAST STEEL	3	
11/1-1	AS30050 CB/T3574-1994	汽水分离器 WATER-AIR SEPARATOR	50	铸钢 CAST STEEL	1	
10/1-1	WD-2 CB*881-84	电铃 ELECTRIC BELL	25	铸钢 CAST STEEL	1	1.5海里
9/1-4	A40025 GB594-83	截止止回阀 STOP CHECK VALVE	25	铸钢 CAST STEEL	4	
8/1-3	CB/T4016-2005 AJ20	截止止回阀 STOP CHECK VALVE	20	铸钢 CAST STEEL	3	
7/1-2	A40006 CB312-75	压力表 PIEZOMETER VALVE	6	黄铜 BRASS	2	
6/1-1	R2.5-4025 CB3022-94	安全阀 SAFETY VALVE	25	铸钢 CAST STEEL	1	0-1.6MPa
5/1-1	R2.5-4025 CB3022-94	安全阀 SAFETY VALVE	25	铸钢 CAST STEEL	1	开阀压力: 0.4MPa 闭阀压力: 0.4MPa
4/1-3	A100010 GB594-83	截止止回阀 STOP CHECK VALVE	10	铸钢 CAST STEEL	3	
3/1-1	A20 1.0-0.4 CB/T3656-94	减压阀 PRESSURE REDUCING VALVE	20	铸钢 CAST STEEL	1	1MPa-0.4MPa
2/1-20	A15 CBM1109-82	青铜软管阀 BRASS HOSE PIPE CONNECTION VALVE	15	青铜 BRONZE	20	
1/1-9	A40015 GB595-83	截止止回阀 STOP CHECK VALVE	15	青铜 BRONZE	9	

COMPRESSED AIR PIPING LAYOUT PLAN									
7000 DWT CLEAN PRODUCT TANKER									
FINAL DRAWING YX06-466-01									
Jiujiang Yinxing Shipyard Co., Ltd									