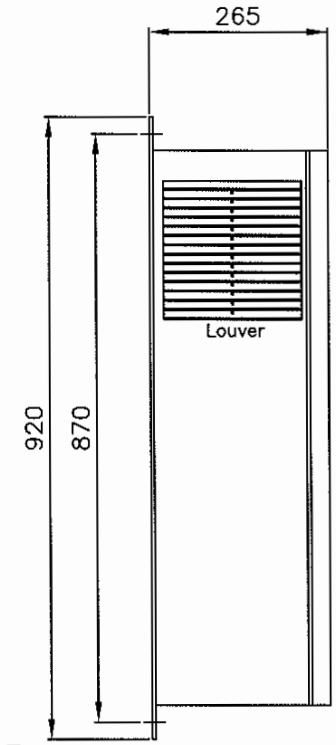

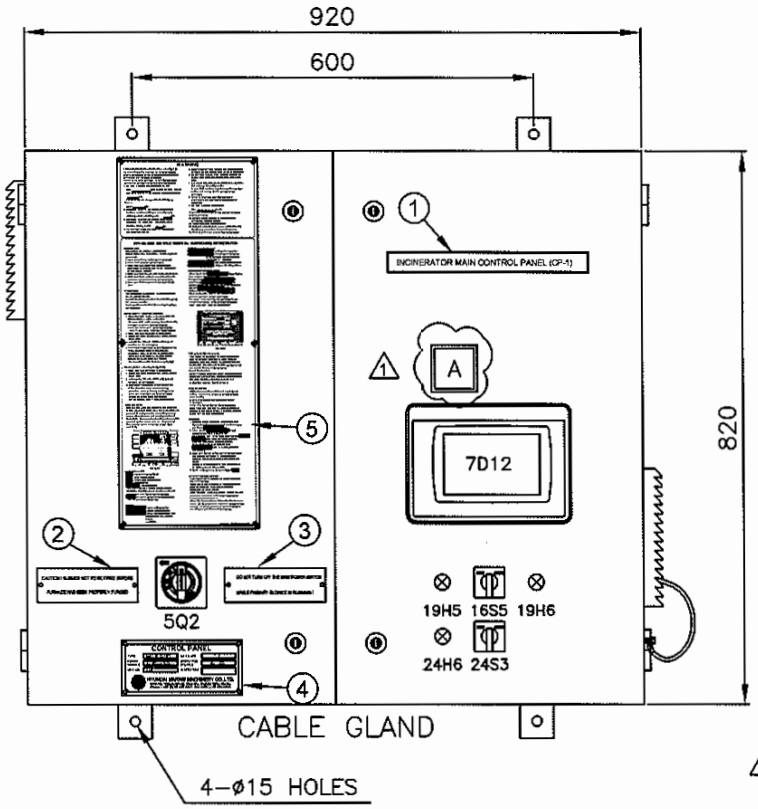

CABLE GLAND

* POWER SOURCE (40b-1) △2
* EMCY STOP SWITCH (20a-1)
* INC & W.O. TANK ABNORMAL ALARM
  W.O. TANK HIGH LEVEL (25b-1)<TO AMS>
* INCINERATOR RUN SIGNAL (20c-1)<TO ECC>
* INC & W.O. TANK CONNECTION
  (25b-1)<FROM CP-2>

* INSTALLED HOUR METER IN TOUCH PANEL ON PROGRAMING.
  (DISPLAY PANEL INDICATING)

NAME PLATES

POS.	TEXT	
5Q2	MAIN SWITCH	
16S5	INCINERATOR	STOP/START
19H5	INCINERATOR RUNNING	
19H6	COMMON ALARM	
7D12	DISPLAY PANEL	
24S3	SPACE HEATER	OFF / ON
24H6	PRIMARY BLOWER MOTOR SPACE HEATER ON	
△1 A	AM-METER for PRIMARY BLOWER	

NOTE

NORM : IEC
FREQUENCY : 60Hz
POWER SOURCE : 3*440V
CONTROL VOLTAGE : 220V/24V
IP GRADE : IP44
COLOR OF TERMINALS : R-GREEN, S-YELLOW, T-BROWN

NAME PLATE

1. INCINERATOR MAIN CONTROL PANEL (CP-1)
2. CAUTION ! BURNER NOT TO BE FIRED BEFORE FURNACE HAS BEEN PROPERLY PURGED
3. DO NOT TURN OFF THE MAIN POWER SWITCH WHILE PRIMARY BLOWER IS RUNNING !
4. NAME PLATE OF DETAIL DIMENSION FOR CP1
5. OPERATING INSTRUCTIONS for INCINERATOR CONTROLLED BY A PLC UNIT

START SLUICE BOX

16S4/
19H3

Name	CONTROL PANEL LAYOUT/FRONT		Project No.	S544/45/46/47/48/49		
Rev. 4			Page : 004	Approval	2009.10.13.	J.H.Kim
Rev. 3				Check	2009.10.13.	H.S.Park
Rev. 2				Design	2009.10.13.	S.G.Kim
Rev. 1				Drawing	2009.10.13.	W. Ahn

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Hyundai Marine Machinery Co., Ltd.
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Drawing number
HIN-1202004-R2

PART LIST for CONTROL PANEL

DESIGN	PC.	COMPONENT	FUNCTION	RANGE	ADJUSTM'T	TYPE	MAKER
21K8	1	FLAME DETECTION RELAY	FLAME DETECTION PRIMARY BURNER	220V		RE3	BRAHMA
21K8	1	SOCKET FOR FLAME DETECTION RELAY				10801025	BRAHMA
21K12	1	FLAME DETECTION RELAY	FLAME DETECTION SECONDARY BURNER	220V		RE3	BRAHMA
21K12	1	SOCKET FOR FLAME DETECTION RELAY				10801025	BRAHMA
21B9	1	EXTERNAL PHOTOCELL	FLAME DETECTION			QRA-2	LANDIS & GYR
21B13	1	EXTERNAL PHOTOCELL	FLAME DETECTION			QRA-2	LANDIS & GYR
15D2	1	CPU, IN/OUT PUT MODULE		220V		1762-L40BWA	AB
17D6	1	DIGITAL INPUT MODULE		24V		1762-IQ8	AB
19D9	1	DIGITAL OUTPUT MODULE		220V		1762-OW16	AB
	1	MEMORY CARD					AB
22D2	1	AI INPUT MODULE		-		1762-IT4	AB
22D11	1	AO OUTPUT MODULE		-		1762-IF2OF2	AB
7D12	1	PANEL VIEW		DC24V		PV600 or 700	AB
	1	COMMUNICATION CABLE					AB
16S5	1	SWITCH (STOP-START)	INCINERATOR			CA10RK2103*6E	KRAUS & NAIMER
19H5	1	GREEN PILOT LAMP	INCINERATOR RUNNING	220V		KL-22	KACON
19H6	1	RED PILOT LAMP	COMMON ALARM	220V		KL-22	KACON
16S4/ 19H3	1	GREEN LAMP WITH PUSH BUTTON 1 NO	START SLUICE / SLUICE IN ACTION	220V		KPL-22	KACON
1							
A	1	AM-PERE METER		100A		D200	DAEBONG
C.T	1	CURRENT TRANSFORMER		100/5		CD-20S	DAEBONG

Name	LIST of PART		Project No.	S544/45/46/47/48/49			HMMCO Hyundai Marine Machinery Co., Ltd. http://www.hmmco.co.kr
Rev. 4			Page :	Approval	2009.10.13.	J.H.Kim	
Rev. 3				Check	2009.10.13.	H.S.Park	
Rev. 2			041	Design	2009.10.13.	S.G.Kim	Drawing number
Rev. 1				Drawing	2009.10.13.	W. Ahn	HIN-1202041-R1