2-3-3 手動操作

本設備基本上都可以自動運轉,除非有特別的情況,請極力避免使用手動 運轉。 ○ 手動操作 可操作下列各機器及自動閥。 【PUMP 起動·停止】··· 請參照 p22。 按下欲操作之 Pump 的 AUTO 按鈕 顯示由"AUTO"切換至"MANUAL"後,按下 MAN.RUN MAN.STOP 按 鈕進行操作。 "PUMP5 MANUAL OPERATION"請參照 2-3-2 初期設定的⑨ Control Setting Menu" • 【自動閥開閉】··· 請參照 p23。 按下欲操作之自動閥的 AUTO 按鈕。 顯示由"AUTO"切換至"MANUAL"後,按下 MAN.RUN MAN.STOP 按 鈕進行操作。 【控制閥開閉】··· 請參照 p20。 按下畫面左側的 AUTO 按鈕後會由"AUTO"切換至"MANUAL"。 之後,便可手動操作。畫面請參照前頁

o Interlock

為了安全起見,Pump、自動閥皆有設置 Interlock。

欲操縱這些機器時,請先解除 Interlock。

若 Interlock 解除,顯示畫面會由紅色變綠色。



PUMP 手動操作

請由"MAIN MENU"畫面切換至"PUMP/VALVE MANUAL OPERATION SELECT MENU"畫面。

此畫面中顯示紅色的部分為在此畫面中的 Pump 或是 Valve 目前手動操作的 狀態。



Fig2.3.3.1 PUMP/VALVE MANUAL OPERATION SELECT MENU

由"PUMP/VALVE MANUAL OPERATION SELECT MENU"畫面選擇、切換 至各"PUMP MANUAL OPERATION"畫面。

LATEST EVENT
PUMP 1 MANUAL OPERATION
P841 No.1 CIRCULATION PUMP F\$8501 P850A SEAL VATER PUMP A L\$8501 P8478 No.1 FILTRATE PUMP B F\$8502 RN MAN. MAN. MAN. MAN. MAN. MAN. MAN. RN STOP AUTO OFF RN MAN. MAN. MAN.
P843A No.1 DIST.PUMP A P850B SEAL WATER PUMP B LS8601 MX847 No.1 FILT.TANK MIXER LIS8471 RN MAN. MAN. MAN. MAN. MAN. MAN. MAN. RN MAN. STOP AUTO OFF RN MAN. MAN. MAN.
P8438 No.1 DIST.PUMP B P8438 SEPARATOR PUMP A LS8491 P8438 No.1 FILT.TRANS.P A FS8502 RN MAN. MAN. MAN. MAN. MAN. MAN. MAN. MAN. RN NO.1 FILT.TRANS.P AUTO OFF RUN MAN. MAN. MAN.
VP848A No.1 VACUUM PUMP A FS8491 P848B SEPARATOR PUMP B LS8491 P848B No.1 FILT.TRANS.P B FS8502 RN MAN. MAN. MAN. MAN. MAN. MAN. MAN. MAN. RN RUN STOP AUTO OFF RUN MAN. MAN. MAN. MAN. MAN.
VP8498 No.1 VACUUM PUMP B F38492 P847A No.1 FILTRATE PUMP A F58502 RIN MAN. MAN. MAN. MAN. MAN. MAN. MAN. RUN STOP AUTO OFF RUN MAN. MAN. MAN.
RETURN MAIN FLOW AUTO FLOW EVENT ALARM MANUAL DATA INITIAL SCREEN MENU DIAGRAM PROCESS COUNTER HISTORY STATE OPERATE LOGGING SETUP

Fig2.3.3.1.1 PUMP 1 MANUAL OPERATION MENU

LATEST EVENT	
PUMP 2 MANUAL OPERATION	PUMP 5 OPERATE
B844a No.1 HEAT PUMP INT.LOCK B844B No.2 HEAT PUMP INT.LOCK B844C No.3 HEAT PUMP RUN MAN. MAN. MAN. RUN RUN MAN. RUN RUN STOP AUTO RUN MAN. RUN RUN	AUTO
P844A No.1 HP OIL PUMP LS844A RUN MAN, RUN MAN, STOP P844B No.2 HP OIL PUMP LS844B RUN MAN, RUN P844B No.2 HP OIL PUMP P844C No.3 HP OIL PUMP P844B No.4 HP OIL PUMP P844B No.4 HP OIL PUMP P844B No.4 HP OIL PUMP P844C No.3 HP OIL PUMP RUN MAN, RUN P844B No.4 HP OIL PUMP P844C No.3 HP OIL PUMP P844C No.3 HP OIL PUMP RUN MAN, RUN RUN RUN </th <th>p ls844c</th>	p ls844c
H844A NO.1 HP OIL HEATER LS844A H844B NO.2 HP OIL HEATER LS844B H844C NO.3 HP OIL HEA RUN MAN, MAN, MAN, AUTO RUN STOP AUTO RUN STOP	ter ls844c AUTO
BB44AF No.1 HP OIL FAN BB44AF No.2 HP OIL FAN RUN MAN, RUN MAN, STOP	AUTO
P843C DESUPERHEAT.PUMP P843A/B RUN MAN. MAN. MAN.	AUTO
RETURN MAIN FLOW AUTO FLOW EVENT ALARM MANUAL DATA SCREEN MENU DIAGRAM PROCESS COUNTER HISTORY STATE OPERATE LOGGI	A INITIAL NG SETUP

Fig2.3.3.1.2 PUMP 2 MANUAL OPERATION MENU



Fig2.3.3.1.3 PUMP 3 MANUAL OPERATION MENU

LATEST EVENT		
PUMP 4 Manilal opt		PUMP 2 PUMP 3 PUMP 5 OPERATE OPERATE OPERATE
F846a no.1 decanter a RUN MAN, MAN, AUTO	F848B No.1 DECANTER B RUN MAN, MAN, AUTO	F857 No-2 DECANTER RUN MAN, MAN, STOP AUTO
F845A No.1 FEEDER A F8850 RUN MAN; MAN. STOP AUTO	14 F845B No.1 FEEDER B F58504 RUN MAN, MAN, AUTO	F856 No.2 FEEDER FS8505 RUN MAN; MAN; AUTO
RUN MAN, MAN, AUTO	RUN RUN STOP AUTO	RUN MAN, MAN, AUTO OFF
DROP DRAIN BIDE DROP BIDE	DROP DRAIN	RUN MAN. MAN. AUTO OFF
RUN MAN, MAN, AUTO OFF	1) P860B DIST.WATER PUMP B LISS60 RUN MAN. MAN. AUTO OFF	RN MAN. MAN. AUTO OFF
RETURN MAIN FLOW SCREEN MENU DIAGRAM PF	AUTO FLOW EVENT ALAI ROCESS COUNTER HISTORY STA	RM MANUAL DATA INITIAL TE OPERATE LOGGING SETUP

Fig2.3.3.1.4 PUMP 4 MANUAL OPERATION MENU



Fig2.3.3.1.5 PUMP 5 MANUAL OPERATION MENU

自動閥手動操作

請由"PUMP/VALVE MANUAL OPERATION SELECT MENU"畫面選擇、切換 至各"VALVE MANUAL OPERATION"畫面。

LATEST EVENT	
VALVE 1	VALVE 2 VALVE 3 VALVE 4 VALVE 5 OPERATE OPERATE OPERATE
MANUAL OPERA	TION
XY8472 III DONTR A SHOUT-CLEAN. XY8474 III FILT. TO OPEN MAN. MAN. AUTO OPEN MAN. MAN.	RETENTION TK XV98038 #1 DONTR B FEED CLEAN. MAN AUTO OPEN MAN, MAN AUTO OPEN MAN AUTO
xv9473 E1 CONTR B SHOOT, CLEAN. OPEN MAN, MAN, AUTO OPEN SHUT AUTO	retention tr (Nyssoar II don't a boul glean, (Nyssoar II don't b fling.glean, Ann, Auto Neut Auto
XV8422 III CONC. TO III DONTRA OPEN MAN, MAN, AUTO OPEN MAN, SHUT AUTO	steam supply XV9604B #1 dontr b bowl clean. ANN: AUTO OPEN MAN, MAN, AUTO OPEN MAN, AUTO
XV8423 ET CONC. TO ET DONTR B OPEN MAN, MAN, AUTO OPEN SHUT AUTO	team supply IAN, AUTO HUT AUTO DPEN SHUT AUTO DPEN SHUT AUTO
xv9593 filtrate transfer return (xv9603a ti dcriff a OPEN MAN, MAN, AUTO OPEN SHUT AUTO	reed clean. NAN, AUTO HUT AUTO DPEN MAN, MAN, AUTO DPEN SHUT AUTO
RETURN MAIN FLOW AUTO SCREEN MENU DIAGRAM PROCESS	FLOW EVENT ALARM MANUAL DATA INITIAL COUNTER HISTORY STATE OPERATE LOGGING SETUP

Fig2.3.3.2.1 VALVE 1 MANUAL OPERATION MENU

LATEST EVENT	
VALVE 2	VALVE 1 VALVE 3 VALVE 4 VALVE 5 DPERATE OPERATE OPERATE
MANUAL OPERALION	V
KY88800 HOT-W SUPPRLY REMELT. TK KY88501 #2 HEATER DRAIN DIST. TK OPEN MAN. MAN. AUTO OPEN MAN. AUTO	xv860602 122 OCHTR FLING. OLEANING OPEN MAN. MAN. AUTO OPEN SHUT AUTO
Image: concentrate outlet XV05032 Filt. TK Steam Supply OPEN MAN, SHUT AUTO OPEN MAN, OPEN MAN, SHUT MAN, OPEN MAN, SHUT AUTO	XV8484 FILT. TRANS. TO 12 FILT. TK OPEN MAN. AUTO OPEN MAN.
XV98011 REMELTING WATER OUTLET OPEN MAN; MAN; AUTO OPEN MAN; MAN; AUTO	XV9477 81 FILTRATE RETURN OPEN MAN, OPEN MAN, SHUT AUTO
xy8476 #1 FILTRATE OUTLET XY8604C #2 DONTR BOWL CLEANING OPEN MAN, MAN, AUTO OPEN MAN, MAN, AUTO	OPEN MANY AUTO OPEN MANY AUTO
xy8521 #2 conc. to #2 dontr OPEN MAN, MAN, AUTO OPEN SHUT AUTO	OPEN MANY AUTO OPEN MANY AUTO
RETURN MAIN FLOW AUTO FLOW SCREEN MENU DIAGRAM PROCESS COUNTER	EVENT ALARM MANUAL DATA INITIAL HISTORY STATE OPERATE LOGGING SETUP

Fig2.3.3.2.2 VALVE 2 MANUAL OPERATION MENU

LATEST EVENT	
VALVE 3	VALVE 1 VALVE 2 VALVE 4 VALVE 5
MANILAL OPERATION	DPERATE DPERATE OPERATE
XV9401 RAW WATER FEED TO \$1 EYA OPEN MAN. MAN. AUTO OPEN SHUT AUTO	XV8602A #1 EVA WATER SUPPLY XV8601 #2 FILTRATE TO #2 EVA OPEN MAN, OPEN MAN, SHUT AUTO OPEN MAN, OPEN MAN, SHUT AUTO
xy8471 \$1 FILTRATE TO \$1 EVA	XV841C #1 EVA CHEMICAL SUPPLY
OPEN MAN. MAN. AUTO	OPEN MAN. MAN. AUTO
OPEN MAN. MAN. AUTO	OPEN SHUT AUTO
XY8481 FILT.TRANSFER TO IT EVA	XV8432 III DIST.TO DIST.TANK
OPEN MAN, MAN, AUTO	OPEN MAN. MAN. AUTO
OPEN SHUT AUTO	OPEN SHUT AUTO
XY9492 FILT.TRANS.TO #1 FILT.TK OPEN MAN. MAN. AUTO OPEN SHUT AUTO	XV8475 LOW CONC. FEED 12 EVA OPEN MAN. MAN. AUTO
XY8541 PRE-CONDENSATE RETURN OPEN MAN., MAN., AUTO OPEN SHUT AUTO	XV9483 FILT. TRANSFER TO #2 EVA XV851C #2 EVA CHEMICAL SUPPLY OPEN MAN. MAN. OPEN SHUT OPEN
RETURN MAIN FLOW AUTO FLOW	EVENT ALARM MANUAL DATA INITIAL
SCREEN MENU DIAGRAM PROCESS COUNTER	HISTORY STATE OPERATE LOGGING SETUP

Fig2.3.3.2.3 VALVE 3 MANUAL OPERATION MENU

LATEST EVENT				
VAL	VE 4	!	VALVE 1 VALVE OPERATE OPERAT	2 VALVE 3 VALVE 5 OPERATE OPERATE
MAN	IUAL	OPERATION	V	
XV8431 #1 VACUUM	BREAK MAN. AUTO SHUT	XY853S #2 HEATER STEAM SUPPLY OPEN MAN., MAN., AUTO	VY8441 No. 1 HP SEAL STEAM OPEN MAN. MAN. AUTO	AKI NO.1 DECANTER A AIR KNOCKER
XV843S #1 HEATER OPEN MAN. OPEN	MAN. AUTO	XV8807B #2 EVA DEMISTER CLEAN. OPEN MAN. MAN. AUTO	XV8442 No.2 HP SEAL STEAM	AK2 No. 1 DECANTER B AIR KNOCKER
XV8607A #1 EVA DI OPEN MAN. OPEN	MAN. AUTO	XV8608C #2 EVA INSIDE CLEAN.C OPEN MAN. MAN. AUTO	XV8443 No.3 HP SEAL STEAM	AK3 No.2 DECANTER AIR KNOCKER
XV8608A #1 EVA II OPEN MAN. OPEN	MAN. AUTO	XV8608D #2 EVA INSIDE CLEAN.D OPEN MAN. MAN. AUTO	OPEN MAN MAN AUTO	OPEN MAN; MAN; AUTO
XV8608B #1 EVA II OPEN MAN. OPEN	MAN. SHUT AUTO	FV8431 #1 HEATER STEAM CONT. OPEN MAN. MAN. AUTO	OPEN MAN MAN AUTO	OPEN MAN, MAN, AUTO
RETURN SCREEN	MAIN FL MENU DIAC	OW AUTO FLOW GRAM PROCESS COUNTER	EVENT ALARM MAN HISTORY STATE OPEN	UAL DATA INITIAL RATE LOGGING SETUP

Fig2.3.3.2.4 VALVE 4 MANUAL OPERATION MENU



Fig2.3.3.2.5 VALVE 5 MANUAL OPERATION MENU