



GENERAL NOTES:

NOTES:

1. VALVE MAY BE USED FOR MANUAL ISOLATION THROUGH PERMIT CONTROL
2. PIC-1862 TO REDUCE SPEED OF PUMP IF DISCHARGE APPROACHES 2400 PSIG
3. QUICK OPENING ENCLOSURES
4. RODDING OUT POINT
5. EROSION RESISTANCE TRIM SHALL BE PROVIDED
6. VALVE TYPE TO BE FINALIZED DURING DETAILED DESIGN
7. DELETED
8.

PM	VE	VT	VAHH	TE
4200	4200 A	4200 A	4200 A	4200 C
4200	4200 B	4200 B	4200 B	4200 D
4200	4200 E	4200 E	4200 E	4200 E
4200	4200 F	4200 F	4200 F	4200 G
4200	4200 G	4200 G	4200 G	4200 H
4200	4200 H	4200 H	4200 H	4200 I
9. PUMP SHALL BE STARTED WITH DISCHARGE VALVE IN CLOSED POSITION DURING START-UP TO PREVENT END OF CURVE OPERATION

HOLDS:

1. BORE SIZE
2. CONTROL VALVE SIZE
3. SHUT OFF PRESSURE TO BE CONFIRMED BY VENDOR
4. PROCESS CONTROL SCHEME
5. COMPLETION MONITORING AND PROTECTION FOR EACH PUMP
6. DELETED

VALVE NUMBER
USED ON
THIS DRAWING
21601-21621

REFERENCE DRAWING:

NO.	DATE	REVISION	DRAWN	CHKD	ENG.	APPD.
H01	14/03/18	ISSUED FOR DESIGN	PBU	NAK	WEK	THS
F02	29/01/18	ISSUED POST-HAZOP	PBU	NAK	WEK	THS
F01	13/11/17	ISSUED FOR HAZOP	PBU	NAK	WEK	THS
E01	09/10/17	ISSUED FOR COMPANY REVIEW	PBU	NAK	WEK	THS
D01	22/09/17	ISSUED FOR IDC	PBU	NAK	WEK	THS



THE ORIGINAL AND ALL COPIES OF THIS DRAWING, INCLUDING ALL INFORMATION ON THIS DRAWING, ARE SOLE PROPERTY OF CHEVRON THAILAND

PROJECT:	UBON PROJECT	PLATFORM:	UBCPP
TITLE:	PIPING AND INSTRUMENTATION DIAGRAM PRODUCED WATER INJECTION PUMP (P-4200)	REVISION:	H01
SCALE:	NTS	DRAWING No:	UBO-UBPG-PRO-PID-WPT-0000-00216-01