

P-4205  
PRODUCED WATER INJECTION PUMP  
DESIGN : 2860 PSIG, 240°F  
RATING/DUTY : 700 USGPM @ 2101 PSI (ΔP), 1250 HP PER UNIT (2X50%)  
OPERATING : 38 PSIG (SUCTION), 2138.4 PSIG (DISCHARGE), 149.1-157.6 F

GENERAL NOTES:

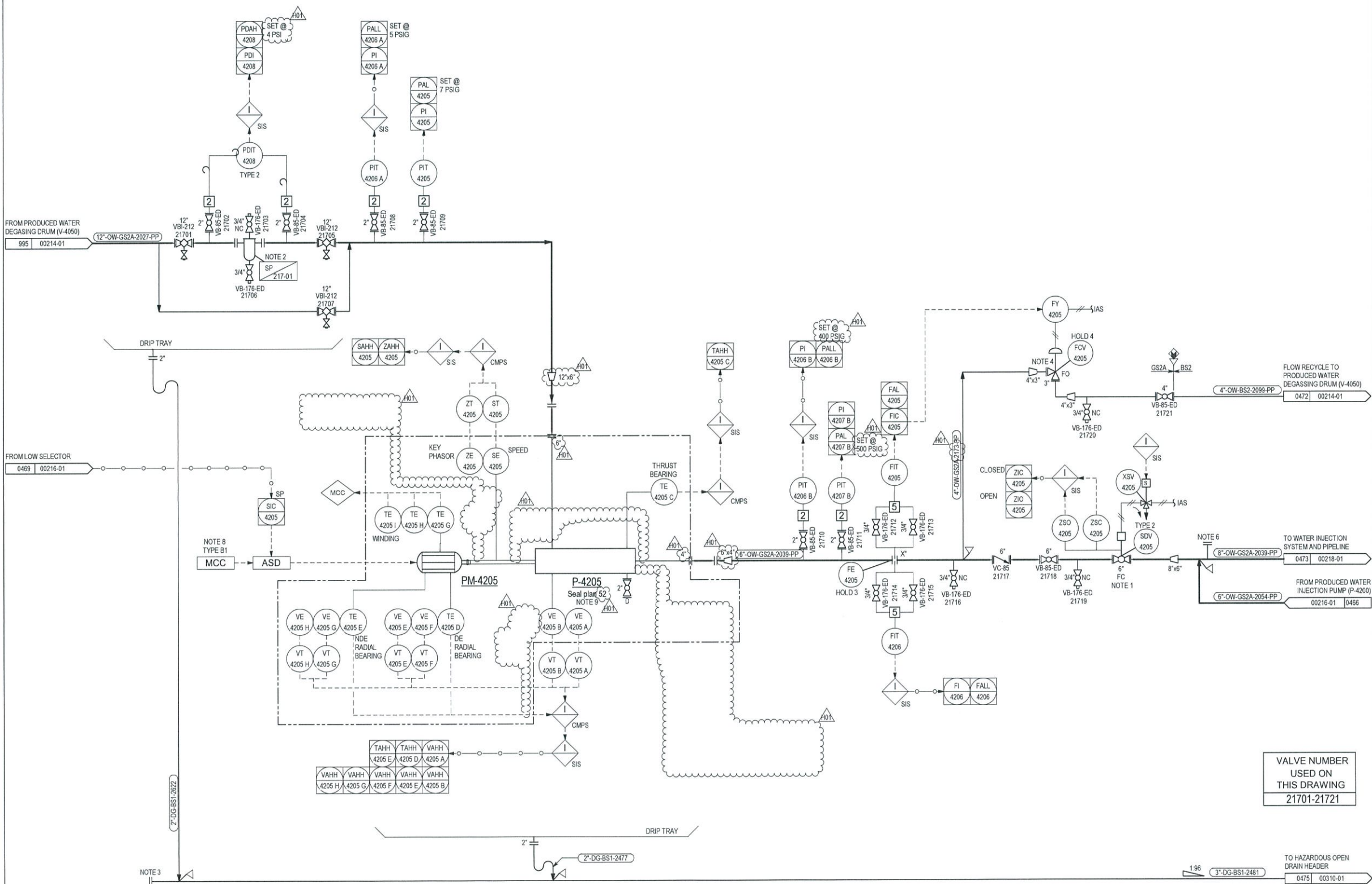
NOTES:

1. VALVE MAY BE USED FOR MANUAL ISOLATION THROUGH PERMIT CONTROL.
  2. QUICK OPENING ENCLOSURES
  3. RODDING OUT POINT
  4. EROSION RESISTANCE TRIM SHALL BE PROVIDED.
  5. VALVE TYPE TO BE FINALIZED DURING DETAILED DESIGN.
  6. PROVISION FOR FUTURE PWIP.
  7. DELETED
  - 8.
- | PM   | VE     | VT     | VAHH   | TE     |
|------|--------|--------|--------|--------|
| 4205 | 4205 A | 4205 A | 4205 A | 4205 C |
| 4205 | 4205 B | 4205 B | 4205 B | 4205 D |
| 4205 | 4205 E | 4205 E | 4205 E | 4205 F |
| 4205 | 4205 F | 4205 F | 4205 F | 4205 G |
| 4205 | 4205 G | 4205 G | 4205 G | 4205 H |
| 4205 | 4205 H | 4205 H | 4205 H | 4205 I |
9. PUMP SHALL BE STARTED WITH DISCHARGE VALVE IN CLOSED POSITION DURING START-UP TO PREVENT END OF CURVE OPERATION.

HOLDS:

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

VALVE NUMBER  
USED ON  
THIS DRAWING  
21701-21721



REFERENCE DRAWING:				PROJECT: UBON PROJECT				PLATFORM: UBCPP	
TITLE: PIPING AND INSTRUMENTATION DIAGRAM PRODUCED WATER INJECTION PUMP (P-4205)				REVISION:				H01	
SCALE: NTS				DRAWING No: UBO-UBPG-PRO-PID-WPT-0000-00217-01					
NO. DATE REVISION				DRAWN CHKD ENG. APP'D					
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					

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