

( GOVERNOR STATION )

1. (MODEL : AFV-2HM/T + 1843-2B/S, 4"x6")

1)

- (1) : 2 "-A. F. V (AXIL FLOW VALVE)
- (2) : : 0-0.99 MPa (0-9.9 Kgf/Cm<sup>2</sup>)  
: 1.2-42 kPa (120-4,200 mmH<sub>2</sub>O)  
: 50-10,162 Nm<sup>3</sup>/h  
: 1203 PILOT
- (3) (SPRING NO. : 70017P078)  
: 14-42 kPa (1,400-4,200 mmH<sub>2</sub>O)

	0.2	0.25	0.3	0.4	0.5	0.85	MPa
	2.0	2.5	3.0	4.0	5.0	8.5	kgf/cm <sup>2</sup>
	0.4	0.4	0.4	0.4	0.4	0.4	kPa
	4,000	4,000	4,000	4,000	4,000	4,000	mmH <sub>2</sub> O
	3,073	3,580	4,086	5,099	6,111	9,149	Nm <sup>3</sup> /h

2)

- (1) : S.S.V (SLAM SHUT VALVE)
- (2) ( ) : 0.0015-0.14 MPa (0.015-1.4 Kgf/Cm<sup>2</sup>)
- (3) (SPRING NO. : 70017P079)  
\* : 35-56 kPa (3,500-5,600 mmH<sub>2</sub>O)

3)

- (SAFETY RELIEF VALVE)
- (1) : 1"-V/51 RELIEF VALVE
- (2) ( ) : 7.5-80 kPa (750-8,000 mmH<sub>2</sub>O)
- (3) (SPRING NO. : 0.15549/0)  
\* : 35-80 kPa (3,500-8,000 mmH<sub>2</sub>O)

4) SETTING PRESSURE

- (1) MAIN REGULATOR : 40 kPa (4,000 mmH<sub>2</sub>O)
- (2) SUB REGULATOR : 38 kPa (3,800 mmH<sub>2</sub>O)
- (3) MAIN : 48 kPa (4,800 mmH<sub>2</sub>O)
- (4) SUB : 56 kPa (5,600 mmH<sub>2</sub>O)
- (5) : 28-44 kPa (2,800-4,400 mmH<sub>2</sub>O)
- (6) SAFETY RELIEF VALVE : 52 kPa (5,200 mmH<sub>2</sub>O)

5)

- (1) : BALL VALVE
- (2) : S.S.V
- (3) : PRESSURE SWITCH
- (4) : PRESSURE RECORDER (2PEN)
- (5) : GAS FILTER
- (6) 가 : GAS DETECTOR ( )
- (7) :
- (8) : SAFETY RELIEF VALVE (V/51)
- (9) :

2.

- 1) (REGULATOR)  
 (1) : 2"-1843 REGULATOR  
 (2) : : 0.003-0.99 MPa (0.03-9.9 kgf/cm<sup>2</sup>)  
 : 0.9-15 kPa (90-1,500 mmH<sub>2</sub>O)  
 : 14-300 Nm<sup>3</sup>/h  
 :  
 (3) (SPRING NO. : 71424P019)  
 : 2.1-3.5 kPa (210-350 mmH<sub>2</sub>O)

	0.02	0.04	0.25	0.4	0.5	0.85	MPa
	0.2	0.4	2.5	4.0	5.0	8.5	kgf/cm <sup>2</sup>
	2.3	2.3	2.3	2.3	2.3	2.3	kPa
	230	230	230	230	230	230	mmH <sub>2</sub> O
	240	300	300	300	300	198	Nm <sup>3</sup> /h

- 2)  
 (1) : OPSO (OVER PRESSURE SHUT OFF)  
 (2) ( ) : 0.0015-0.14 MPa (0.015-1.4 kgf/cm<sup>2</sup>)  
 (3) (SPRING NO. : 70017P075)  
 \* : 3.5-7.1 kPa (350-710 mmH<sub>2</sub>O)
- 3) (SAFETY RELIEF VALVE)  
 (1) : INTERNAL RELIEF ( )  
 (2) ( ) : 2 +0.8-5.0 kPa (80-500 mmH<sub>2</sub>O)  
 (3) (SPRING NO. : 70017P074)  
 \* : 2 +0.8-5.0 kPa (80-500 mmH<sub>2</sub>O)
- 4) SETTING PRESSURE  
 (1) MAIN REGULATOR : 2.3 kPa (230 mmH<sub>2</sub>O)  
 (2) SUB REGULATOR : -  
 (3) MAIN : 4.4 kPa (440 mmH<sub>2</sub>O)  
 (4) SUB : -  
 (5) : -  
 (6) SAFETY RELIEF VALVE : 4.0 kPa (400 mmH<sub>2</sub>O)

- 5)  
 (1) : BALL VALVE  
 (2) : OPSO  
 (3) : -  
 (4) : -  
 (5) : GAS FILTER  
 (6) 가 : -  
 (7) : ,  
 (8) : INTERNAL RELIEF ( )  
 (9) :