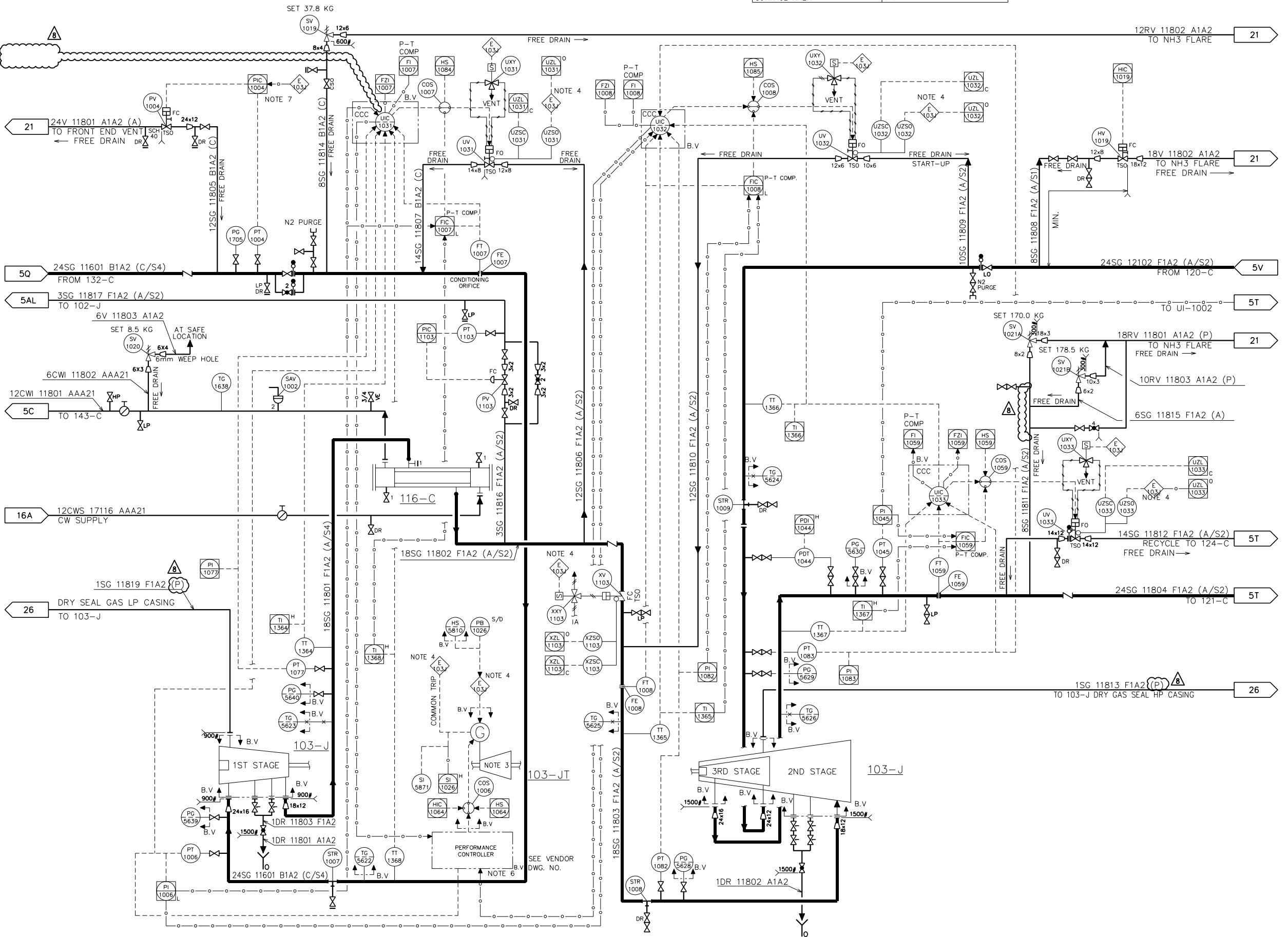


103-JT		
TURBINE FOR SYN GAS COMPRESSOR		
DES./OPER.TEMP	°C	530/510
DES./OPER.PRESS	kg/cm <sup>2</sup> G	136.4/122.5
RATED POWER	kW	26314

SYNTHESIS GAS COMPRESSOR			
		SUCT.	DISCH.
NOR. PRESS.	kg/cm <sup>2</sup> G	30.47	155.77
NOR. TEMP.	°C	42	
MAKE UP CAPACITY	Nm <sup>3</sup> /h	278130	
CIRCULATION CAPACITY	Nm <sup>3</sup> /h	724450	
POWER (DESIGN)	kW	23922	

SYN GAS COMPRESSOR INTERCOOLER		
	SHELL	TUBE
DES./OPER.TEMP	°C	150/115; 8; 42
DES./OPER.PRESS	kg/cm2G	100/82.7
INSULATION/THICK	mm	PP/30
MATERIAL		CS
DIMENSION (ID SHELLxL)	mm	1000x10000
SURFACE AREA	m <sup>2</sup>	349



## NOTES

- . FOR GENERAL NOTES AND SYMBOLS SEE DRAWING 4A, 4B.
  2. DELETED.
  3. SEE DWG:01-13M FOR STEAM SIDE PIPING.
  4. REFER TO WRITE-UP BY CONTROL SYSTEMS ENGINEERING FOR INTERLOCK DESCRIPTION.
  5. DELETED.
  6. SYSTEM OF PERFORMANCE CONTROLLER SHALL BE FINALIZED BY ANTI SURGE CONTROL VENDOR FOR SUCTION PRESSURE CONTROL.
  7. PRESET OPEN IF 103-J TRIP.
  8. DELETED.
  9. DELETED.

	RE-ISSUED FOR CONSTRUCTION (AFC-3)	TS	ABA	DU	HGB	ANS	HK	US	S	L	V	14/11/13
	RE-ISSUED FOR CONSTRUCTION (AFC-2)	TS	ABA	DU	HGB	AM	HK	US	S	L	V	28/06/13
	RE-ISSUED FOR CONSTRUCTION (AFC-1)	TS	ABA	DU	HGB	AM	HK	US	S	L	V	10/04/13
	ISSUED FOR CONSTRUCTION (AFC)	EB	ABA	DU	RK	AM	SHL	US	S	L	V	26/11/12
	RE-ISSUED FOR APPROVAL (AFD-1)	TR	ABA	DU	RK	U	SHL	US	S	L	V	29/09/12
	ISSUED FOR APPROVAL (AFD)	EB	ABA	DU	RK	U	SHL	US	S	L	V	22/06/12

BUNTANG, EAST KALIMANTAN, INDONESIA  
IENT NAME : **PUPUK KALTIM**

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CONTRACTOR WORK NUMBER : 10107 / BA096300 / 11-018-01

# PIPING & INSTRUMENT FLOW DIAGRAM

#### SYNTHESIS GAS COMPRESSOR

SCALE  DWG. NO. K5-01-E1-PD-5S-T

DOC NO K5-01-E1-PD-020-T SHEET 020/073 REV 8

1 M

*L* *T* *M* *R* *S* *C* *D* *E* *F* *G* *H* *I* *J* *K* *L* *M* *N* *O* *P* *Q* *R* *S* *T* *U* *V* *W* *X* *Y* *Z*