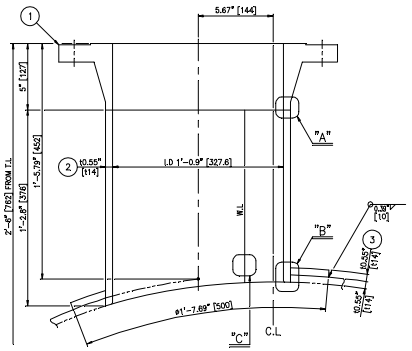
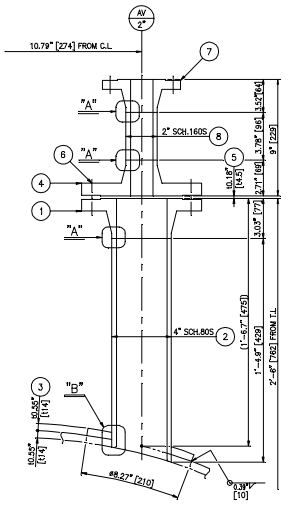
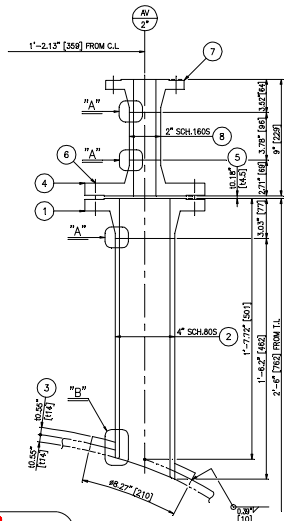


DETAIL OF AO 14"



DETAIL OF AM 4" AV 2"
(ITEM NO. : DR1064)



DETAIL OF AM 4" AV 2"
(ITEM NO. : DR2064)

PART NAME / PART GRP.	PART NO.	NO.	DESCRIPTION	MATERIALS	SIZE	Q'TY /SET	SPARE	WEIGHT (KG)	REMARK
	NHT	AO	1	FLANGE	SA182-F304L	14" ASME 150# WNRF×SCH.S	1		52	
	NHT	AO	2	NECK PLATE	SA240-304L	t14 x 376 x 1074	1		44	
	NHT	AO	3	REINF. PAD	SA240-304L	t14 x #500	1		11	
	NSH	BS	1	L-FLANGE	SA182-F304L	2" ASME 150# LWNRFX230	1		8	
	NHT	AM	1	FLANGE	SA182-F304L	4" ASME 150# WNRF×SCH.80S	1		8	
	NHT	AM	2	NOZZLE NECK	SA312-TP304L	4" SCH.80S x L423	1		11	
	NHT	AM	3	REINF. PAD	SA240-304L	t14 x #210	1		4	
	NHT	AM	4	REDUCING FLANGE	SA182-F304L	6"x4" ASME 150# WNRF×SCH.80S	1		8	
	WK	AM	5	GASKET	SEE NOTE "1"	t6.5×4" ASME 150# R.F	1	2	–	
	WK	AM	6	STUD B/2HEAVY NUTS	SA193-B8/SA194-8	5/8"x11UNC x L100	8SETS	2SETS	2	
	NHT	AV	7	FLANGE	SA182-F304L	2" ASME 150# WNRF×SCH.160S	1		3	
	NHT	AV	8	NOZZLE NECK	SA312-TP304L	2" SCH.160S x L96	1		1	
	NSH	LB1A LB1B	1	L-FLANGE	SA182-F304L	2" ASME 300# LWNRFX230	7		60	
	NSH	BH	1	L-FLANGE	SA182-F304L	1 1/2" ASME 150# LWNRFX229	1		8	
	NSH	LT1A LT1B	1	L-FLANGE	SA182-F304L	2" ASME 300# LWNRFX230	7		60	
	IA	LT4A LT4B	2	HALF PIPE	SA312-TP304L	4" SCH.40S x L400	7		23	
	NHT	AM	1	FLANGE	SA182-F304L	6" ASME 150# WNRF×SCH.80S	1		8	
	NHT	AM	2	NOZZLE NECK	SA312-TP304L	4" SCH.80S x 462	1		11	
	NHT	AM	3	REINF. PAD	SA240-304L	t14 x #210	1		4	
	NHT	AM	4	REDUCING FLANGE	SA182-F304L	6"x4" ASME 150# WNRF×SCH.80S	1		8	
	WK	AM	5	GASKET	SEE NOTE "1"	t6.5×4" ASME 150# R.F	1	2	–	
	WK	AM	6	STUD B/2HEAVY NUTS	SA193-B8/SA194-8	5/8"x11UNC x L100	8SETS	2SETS	2	
	NHT	AV	7	FLANGE	SA182-F304L	2" ASME 150# WNRF×SCH.160S	1		3	
	NHT	AV	8	NOZZLE NECK	SA312-TP304L	2" SCH.160S x L96	1		1	
				TOTAL WEIGHT			340		KG	

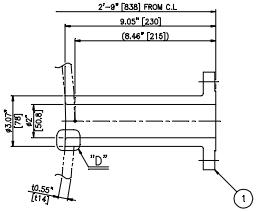
DR1064

DR2064

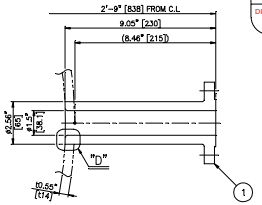
NOTE

1. GASKET MATERIAL : SPIRAL WOUND (t0.18"[4.5]) – 3CF1
   - HOOP : 304L S.S (1RST Cr-18% Ni STEEL, MAX. BRINELL HARDNESS 160)
   - FILLER : FLEXIBLE GRAPHITE
   - INNER RING : 304L S.S
   - OUTER RING : 304L S.S

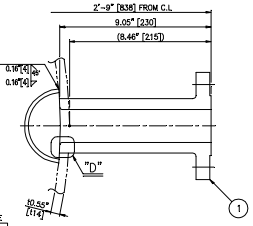
KBR
ACCEPTANCE FOR ENGINEERING USE
THIS DOCUMENT IS:
ACCEPTED (Code 1) X
ACCEPTED WITH COMMENTS (Code 2)
NOT ACCEPTED (Code 3)
NOT REVIEWED (Code 4)
ACCEPTANCE DOES NOT RELIEVE SUPPLIER FROM FURNISHING MATERIAL IN CONFORMANCE WITH ORDER. REFER TO SDR-1 FOR FULL DEFINITION OF ACCEPTANCE CONDITIONS.
DISCIPLINE MD BY TM DATE 28FEB12

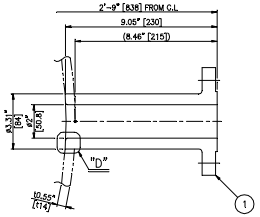


DETAIL OF BS 2"

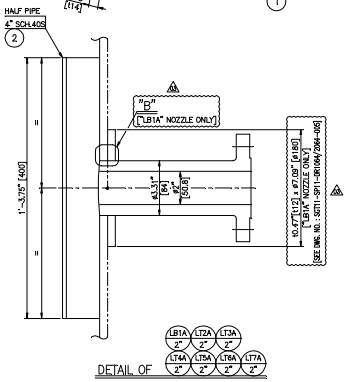


DETAIL OF BH 1 1/2"

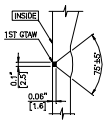




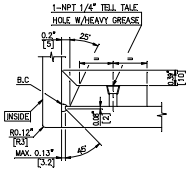
DETAIL OF LB1B 2" LT2B 2" LT3B 2" LT4B 2" LT5B 2" LT6B 2" LT7B 2"



DETAIL OF LB1A 2" LT2A 2" LT3A 2" LT4A 2" LT5A 2" LT6A 2" LT7A 2"



DETAIL "A"



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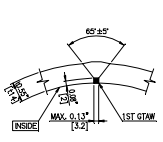
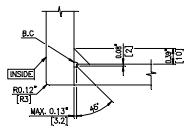


DETAIL "C"



DETAIL "D"

FOR APPROVAL 2012.01.20 SUNG JIN TECHNO CO., LTD.

ASME CODE STAMPED WORK (U)

REV.	DATE	DESCRIPTION	DRWN	CHKD.	APPD.
03	18. Jan. '12	REVISED AS COMMENTS	B.M. ENG	D.H HYUN	H.C JUNG
02	01. Sep. '11	REVISED AS COMMENTS	B.M. ENG	D.H HYUN	H.C JUNG
01	15. Jun. '11	REVISED AS COMMENTS	B.M. ENG	J.K KIM	H.C JUNG
00	27. Apr. '11	ISSUED FOR APPROVAL	B.M. ENG	J.K KIM	H.C JUNG

PROJECT:
Kemper County IGCC Unit 1 Project

KBR
Engineering services by KBR Technical Services
TBPE Reg. No. F-2397

SOUTHERN COMPANY
Southern Company. Inc.

SUNGJIN GEOTEC CO., LTD
ULSAN, KOREA

TITLE:
DR1064/2064
AGR REGENERATOR REFLUX DRUM
NOZZLE DETAIL (1/2)

ANGLE 3	SCALE	REQ'D NO.	P.O. NO. :	SHEET NO.
	N/S	2 SETS	MPC17984-0001	1 OF 2
		PLANT: Kemper County	SGT DWG. NO. SGT11-SP11-DR1064/2064-004	SGT W/O NO. 11SP11
B1	DRAWING NO. MM79028			REV. 03

SGT JOB NO. : 11-SP-11

Southern Company Generation **Kemper County**
MM79028 C Unit 1

SUNGJIN GEOTECH PO: MPC17984-0001
SGT11-SP11-DR1064-2064-004 SH 1 Rev: 3
IGCC - GASIFIER - AGR REGENERATOR REFLUX DRUM - NOZZLE DETAIL 1-2