

DESIGN CODE-DATA	
WIND	Renzenhof (Norimberga)
SEISMIC	Renzenhof (Norimberga)
FLARE STACK (OPERATING MAX. PRESSURE/TEMPERATURE)	0.3 BARG / -178/+35 °C
FLARE STACK (DESIGN PRESSURE/TEMPERATURE)	0.49 BARG / -196/+200 °C
CORROSION ALLOWANCE (ONLY FOR C.S.)	N.A.
RULES/CODE	EUROCODE

MATERIAL LIST			
POS.	DESCRIPTION	MATERIAL	NOTES
1	BASE PLATE RING	ASTM A240 TP304	
2	SKIRT	ASTM A312 TP304	
3	STACK	ASTM A312 TP304	
4	VENT TIP	ASTM A240 TP.304	
5	VENT TIP-FLARE STACK CONNECTION FLANGE 8" Dia. SO-RF 150# ANSI B16.5	ASTM A182 F304L	
6	VENT GAS INLET FLANGE 6" Dia. SO-RF 150# ANSI B16.5	ASTM A182 F304L	
7	GASKETS - SPIRAL WOUND GRAPHITE LAMINATED GASKET INNER/OUTER RING IN S.S. 304L		
8	STUD BOLTS FOR VENT TIP-FLARE FLANGES ASTM A 193 GR. 8B (BOLTS) ASTM A 194 GR. 8 (NUTS)		
9	DERRICK	G.C.S.	
10			
11			
12			

GENERAL NOTES

- 1) ALL DIMENSIONS SHOWN ON THE DRAWING ARE IN MILLIMETERS (UNLESS OTHERWISE NOTED)
- 2) ALL FLANGE BOLT HOLES OFF CENTERS EQUALLY SPACED ABOUT MAIN CENTER LINE
- 3) ELEVATION 0.00 CORRESPONDS TO EL. +XX mm
- 4) GASKETS SEATING FACE FINISH SHALL BE ACC. TO EN1514-2 - 125-250 AARH

EXTERNAL SURFACES TREATMENT

VENT TIP: PICKLING & PASSIVATION
FLARE STACK: PICKLING & PASSIVATION

ALLOWABLE NOZZLE LOADS

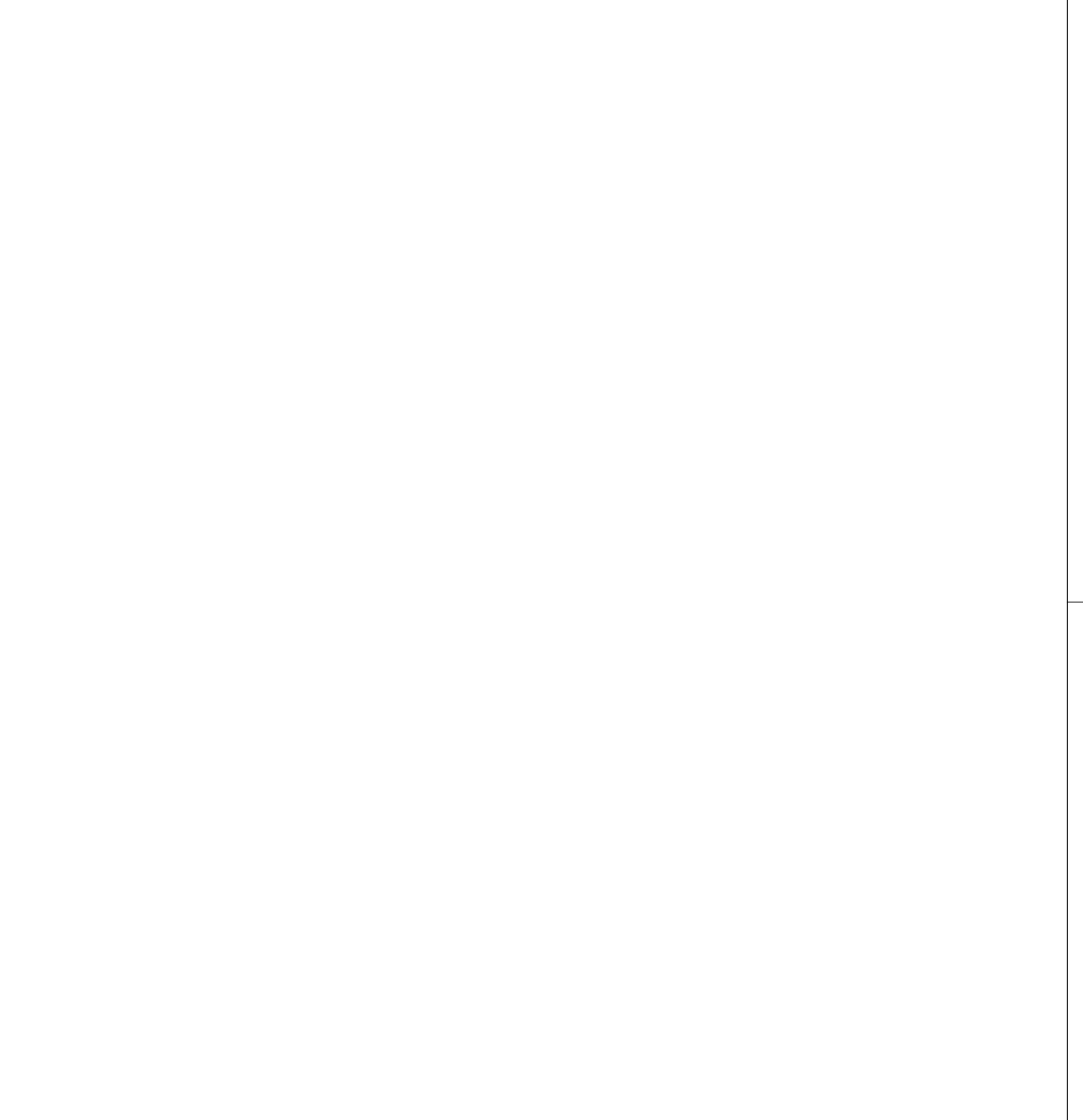
ITEM	DIAM.	Forces (N)			Moments (N-m)		
		F _A	F _C	F _L	M _T	M _L	M _C
A	6"	±1112	±2224	±2224	±990	±746	±746
B	4"	±890	±1779	±1779	±813	±610	±610

NOTE

TO BE LIFT IN ONLY ONE PIECE AFTER FIELD WELD AT GROUND IN HORIZONTAL POSITION

CONNECTION LIST

ITEM	Q.ty	Size	Rating	Type	Service	Note
A	1	6"	150#	SO-RF	GAS INLET	ANSI B16.5
B	1	4"	150#	SO-RF	GAS INLET	ANSI B16.5
C	1	1"	150#	SW-RF	PURGE	ANSI B16.5
D	1	1"	150#	SW-RF	DRAIN	ANSI B16.5
E	1	1"	800#	NPT	CO2	
F	1	1"	THREAD	-	TC JUNCTION BOXE	
HH	1	8"	150#	SO-RF+BF	HAND HOLE	ANSI B16.5



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Rev	Date	Description	Redatto Prepared	Controllato Checked	Visto Approved

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Subject Soggetto: MICROL PLANT 50 KTPA RENZENHOF - GERMANY

ITEM ITEM: FL-16000 FL-16001

Title Titolo: GENERAL ARRANGEMENT COLD VENT PACKAGE

Ciente Client: SIAD

Commissio Job: T294-23

Disegno Drawing: T294-23-101

Rev. 0 Scale: 1:25

Form: A1