



### NOTES

- PROVIDE FIELD READOUT.
- DELETED.
- ANTIFOAM INJECTION POINT. TOP ENTRY.
- DELETED.
- LOCATE 200FCV-0029 AT A MINIMUM DISTANCE FROM INLET NOZZLE.
- LOCATE 200FCV-0029 TO CLOSE ON HIGH HIGH LEVEL IN THE DAO STRIPPER.
- LOCATE 200FCV-0024 AT A MINIMUM DISTANCE FROM INLET NOZZLE.
- PROVIDE SYMMETRICAL INLET/OUTLET PIPING ARRANGEMENT FOR EXCHANGERS.
- DELETED.
- BLEED TO SUITABLE CATCH BASIN.
- IN "HEAVY SERVICE" PREFERRED INSTALLATION OF BUTTERFLY AND GATE VALVES WITH THE VALVE STEM IN HORIZONTAL POSITION. FOR BUTTERFLY VALVES IT IS ALLOWED TO INSTALL THE VALVE IN ROTATED POSITION REGARDING HORIZONTAL PIPELINE AND THE VERTICAL AXIS OF THE VALVE STEM. PREFERRED ALTERNATIVE POSITION IS 45 DEGREE, BUT MINIMAL 30 DEGREE FROM VERTICAL AXIS OF THE VALVE STEM IS ALLOWED.
- IN ADDITION TO LINES AS MARKED WITH NOTE 11, THE SAME REQUIREMENT IS APPLICABLE FOR THIS VALVE.
- SEE PUMP SEAL TYPICAL ON PEFS 00001-010 AND MOTOR TYPICAL FOR SEAL FAN CONTROL ON PEFS 00001-008.
- HH FOAM TRIP.
- HH LIQUID LEVEL TRIP.
- H FOAM PRE ALARM.
- NO BYPASS REQUIRED AROUND 200FCV-0029.
- SPOOLPIECES MIGHT BE REQUIRED FOR BUNDLE PULLING.
- DRAIN TO PEBBLE IT. PIT TO CONNECT WITH RAINWATER SEWER (U/G OWS).
- H LIQUID PRE ALARM.
- AS RESULT OF NOISE CALCULATION PIPING COMPONENTS DOWNSTREAM 200FCV-0024 TO BE EXECUTED SCHEDULE 80.
- SIZE OF 200FCV-0024 IS 250mm x 300mm.
- 200FCV0027 TO BE INSTALLED AT ELEVATION OF MAX 12.1 METER FROM GRADE.
- VALVE TO BE PROVIDED WITH MAXIMUM MECHANICAL STOP. TO LIMIT THE MAXIMUM FLOW TO 424185 KG/HR.
- VALVE TO BE PROVIDED WITH MINIMUM MECHANICAL STOP. MINIMUM FLOW IS 64 M3/HR AT ANY DENSITY.
- PIPING FROM 200FCV-0027 IN PIPE CLASS A33086 FOR ACOUSTIC INDUCED VIBRATION (AIV).

### HOLDS

- DELETED.
- DELETED.
- DELETED.

Client Doc. Nr: SDA-SDA-F1-PX-2365-02000-009

FLUOR®		Project Revisions	
Rev	Date	Description / Status	Prepared By
A09	10-10-16	PRE-RFC	JL SG NJ
A08	13-05-16	AFD UPDATE FOR 60% MODEL	JL SG CdB
A07	12-02-16	APPROVED FOR DESIGN	JL SG CdB
A06	22-01-16	RE-ISSUED FOR APPROVAL	JL SG CdB
A05	20-11-15	ISSUE FOR APPROVAL	JL SG CdB
A04	09-09-15	RE-ISSUED FOR HAZOP	JL SG CdB
A03	27-05-15	ISSUE FOR BOEP	JL SG CdB
RO2	27-03-15	FOR HAZOP	SB SG CdB
RO1	13-02-15	For Review	JT SG

equipment list	
C2003	E2010A-D P2003A/S

rev.	date	description	drawn by	section
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for symbols and identifications systems	PE	Dep.	R/W/H	Book number	format
SEP 31.03.10 GEN. mechanical	plant	SDA		SCALE	
SEP 32.10.10 GEN. instrumentation	unit	2000		REG. NR.	
SEP 33.10.10 GEN. electrical	Field		subgr. 08		

### PROCESS ENGINEERING FLOW SCHEME

SDA, UNIT 2000  
DAO STRIPPER

reference	sheet	of	revision
000001	9	21	
R-0848627			A09

Shell Nederland Raff./Chemie b.v.