



8037.ZF.1201 H,J,N,Q,R,S&T
HORIZONTAL
OIL REMOVAL FILTERS

DIMENSIONS : 8'-0" DIA. x 34'-6" 1/2" H
DESIGN : 125 PSIG @ 200 F
ENGINEER : 485
FILTER MEDIA : 1"-3" GARNET (BOTTOM)
 : 1"-3" ANTHRACITE (TOP)
WORKING PRESS : 75 PSIG @ 100 F TO 200 F

8037.ZF.1201 B,M&P
VERTICAL
OIL REMOVAL FILTERS

DIMENSION : 14'-0" DIA. x 21'-17" H
DESIGN : 125 PSIG
ENGINEER : 485
WORKING : 75 PSIG
LINED WITH : CALTEX SPEC. EMS-S-4743 COATING SYSTEM 8.6
 : PECCAN, A-51 WALKNUT, AA-102

- NOTES :
- ALL EQUIPMENT, INSTRUMENT, LINE & DRAWING NUMBERS ON THIS DRAWING HAVE THE PREFIX "8037" UNLESS OTHERWISE NOTED.
 - THE LETTERS "I" & "O" ARE NOT USED IN THE EQUIPMENT NUMBERING SYSTEM.
 - DELETED
 - FOR STANDARD P&ID LEGEND SEE THE FOLLOWING DRAWING :
FOR PIPING & EQUIPMENT DWG. NO. CP-050GN-EF-002
FOR INSTRUMENTATION DWG. NO. CP-050GN-EF-003
 - ELECT. INTERLOCK SIGNAL FOR FILTERS SERVICE & BACKWASHING SEQUENCE ARE INDICATED THIS :
NUMBER CORRESPONDING TO "EVENT" NO. AS SHOWN IN EVENT SCHEDULE.
NUMBERS CORRESPOND TO "EVENT" 0 THROUGH 6 (SEE DWG. CP-603GS-EF-009 FOR EVENT SEQUENCE SCHEDULE OF 8037.ZF.1201H,J,N,Q,R,S&T AND DWG.CP-603GS-EF-008 FOR EVENT SEQUENCE SCHEDULE OF 8037.ZF.1201B,E,M&P)
 - ELECTRICAL INTERLOCK SYSTEM DESIGNED TO PROVIDE FOR MAXIMUM 2 FILTERS TO BE IN BACKWASHING SEQUENCE AT ANY ONE TIME.
 - DELETED
 - INSTRUMENTS & EQUIPMENT VENDOR SUPPLIED AS PART OF OIL REMOVAL FILTER PACKAGE ARE INDICATED THIS (F).
 - DELETED
 - EQUIPMENT IDLE BECAUSE PART OF EQUIPMENT IN MAINTENANCE PROCESS

REV.	DATE	DESCRIPTION	BY	CHKD	DESIGN ENGR	T. LDR	PROJ ENGR	OPR'D DEPT.	REFERENCE DRAWINGS
21	09-01-19	AS BUILT (PSI V&V AS PER MOC#481540)	SM	AM				TZSK	PIPING PLAN - OIL REMOVAL FILTERS ZF-1201A,K,D,F,G,H,K,K,L,M,N
20	16-12-15	AS BUILT PSM-PSI REMEDIATION PROJECT UNDER JOB NO.2445	HP	JX	BAY	MWS	BAY		PIPING PLAN - OIL REMOVAL FILTERS ZF-1201E,P,Q,R
19	03-07-15	UP-DATE FOR SMO FLARE & RELIEF PROJECT (JOB NO.#2332)	RDY	EVK	MRD	MWS	MRD		PIPING PLAN - OIL REMOVAL FILTERS ZF-1201B,S&T
18	03-11-11	AS-BUILT DONE BY IF JAKARTA	ARN	DNV	IKS	JA	AKH		
17A	30-09-11	AS-BUILT DONE BY IF JAKARTA (ISSUED FOR APPROVAL)	ARN	DNV	IKS	JA	AKH		
16	28-01-10	AS-BUILT FOR OIL REMOVAL FILTER ZF-1201A OSMANTLE JOB NO. 4558	RJA	ADR	HHW	TH	HHW		



DRAWN	SYAWAL	31-12-86	DRAWING TITLE	ITC NO.	21/0E-PWF/SP/2011
CHECKED	WW	6-3-87	PIPING AND INSTRUMENT DIAGRAM	SCALE : N.T.S	21/0E-PWF/2011
DESIGN ENGR.	INP	6-3-87	OIL REMOVAL FILTERS (PCG)	SIZE :	
DESIGN TEAM LEADER			ZF.1201B TO 1201T	DRAWING NO.	CP-603GS-EF-003-21
PROJECT ENGR.	IHR / NAA	9-3-87	WATER TREATING FACILITIES		
OPR'G DEPT.			CENTRAL GATHERING STATION		
			DURI AREA-3		