



REFERENCE DRAWINGS		
NO	TITLE/DESCRIPTION	DRAWING NO.
01	G.A. OF SULFUR CONDENSER (E-1902)	1029-09-04-GA-015

- NOTES**
- ALL DIMENSIONS ARE IN mm, UNLESS OTHERWISE SPECIFIED.
 - DO NOT ROLL TUBES BEFORE OR AFTER WELDING.
 - WELD TUBES TO HOT END TUBESHEET (TS-1) BEFORE POST WELD HEAT TREATMENT (IF PWHT REQUIRED). WELD TUBES TO COLD END TUBESHEET (TS-2) AFTER POST WELD HEAT TREATMENT.
 - PREHEAT TUBE TO TUBESHEET WELD AS PER CODE (200°F MINIMUM) PRIOR TO BEGINNING WELDING, AND MAINTAIN THROUGHOUT WELDING.

AS BUILT

ISSUED FOR	
1	Preliminary Study
2	Your Ref/Record
3	3rd Party Approval
4	Client Approval
5	Fab./Cast.
6	60nt./Erection
7	Bidding /Estimation/BoQ
8	Indention/Purchase
9	
10	

Issued: 02-1-8-0-0-4-9
Date: 05 OCT 2009

HSB Global Standards

REVIEWED BY: _____
SIGNATURE: *M. J. Salibi*
DATE: 19/10/2009

NO	DESCRIPTION	UNIT	QTY	WEIGHT (kg)	REMARKS	
8	20140103054	Pipe ; CS ; SMLS PE ; SA 106B ; SCH40 (THK) ; 3/4" NPS.	1980 LG.	12	40.3	SPACER
7	20140103054	Pipe ; CS ; SMLS PE ; SA 106B ; SCH40 (THK) ; 3/4" NPS.	1995 LG.	12	40.5	SPACER
6	2012202000000	Sheet Plain - 20 mm THK ; SA 304 ;	2126 x 1918.3	2	764	BAFFLE
5	0020400200000	M 16 ; Hex Nut ; SA 194 ZH.		24	1	FOR TIE ROD
4	100014002	Red/Bar M 16 ; SA - 304 ; Plain Round.	4084 LG.	12	77	TIE RODS
3	X5400000000000	Tube ; SA 210 Gr. A-1 ; 12 BWG THK ; 38.1 mm OD.	6096 LG.	725	1017.6	TUBES
2	X5400000000000	Tube ; SA 210 Gr. A-1 ; 12 BWG THK ; 50.8 mm OD.	6096 LG.	53	1034.7	TUBES
1	2012501000000	Sheet Plain - 40 mm THK ; SA-S16-Gr-70 ; Normalized ;	DIA 2162	2	2019	TUBE SHEET

MATERIAL LIST

REV. NO.	DESCRIPTION	DATE	DRAWN	CHKD	APPD	CHKD	APPD
1	AS BUILT	06-10-09	SHB NAQVI	SN	SN		
1	REVISED AS MARKED	15-06-09	SHB NAQVI	SN	SN		
0	ISSUED FOR FABRICATION	15-04-09	SHB NAQVI	SN	ARS		

OIL AND GAS DEVELOPMENT COMPANY LIMITED
OGDCL HOUSE - 1st FLOOR, JINNAH AVENUE ISLAMABAD
Telephone: +92 51 297683-85 Fax: +92 51 297686

DESCON ENGINEERING LIMITED
P.O. BOX 1201, LAHORE - 53000 PAKISTAN
TEL: +92-42-5805134, UAN: 111-DESCON
FAX: +92-42-5811005/5811135

PRESSON DESCON INTERNATIONAL PRIVATE LIMITED
18 - KM, FERROZPUR ROAD,
LAHORE - 54700, PAKISTAN.
VOICE: +92 42 5923710-16
WEB: www.pdil.com

CLIENT REFERENCE	DESCON PROJECT NO.	PDIL PROJECT NO.
PRO-FC/EB/DKN/EXP-1882/2007	6218	1029

PROJECT:		TITLE:		DRAWING NUMBER:	
1ST CONDENSING PASS		SULFUR RECOVERY UNIT FOR DAKHNI EXPANSION PROJECT		1029-09-04-DR-015	
		TUBES LAYOUT & BUNDLE DETAIL OF SULPHUR CONDENSER (E-1902)			
DRAWN	CHECKED	APPROVED	SCALE	DATE	SHEET
MAT	SN	ARS	(25 Sheet, A1)	17/09/2008	1 OF 7