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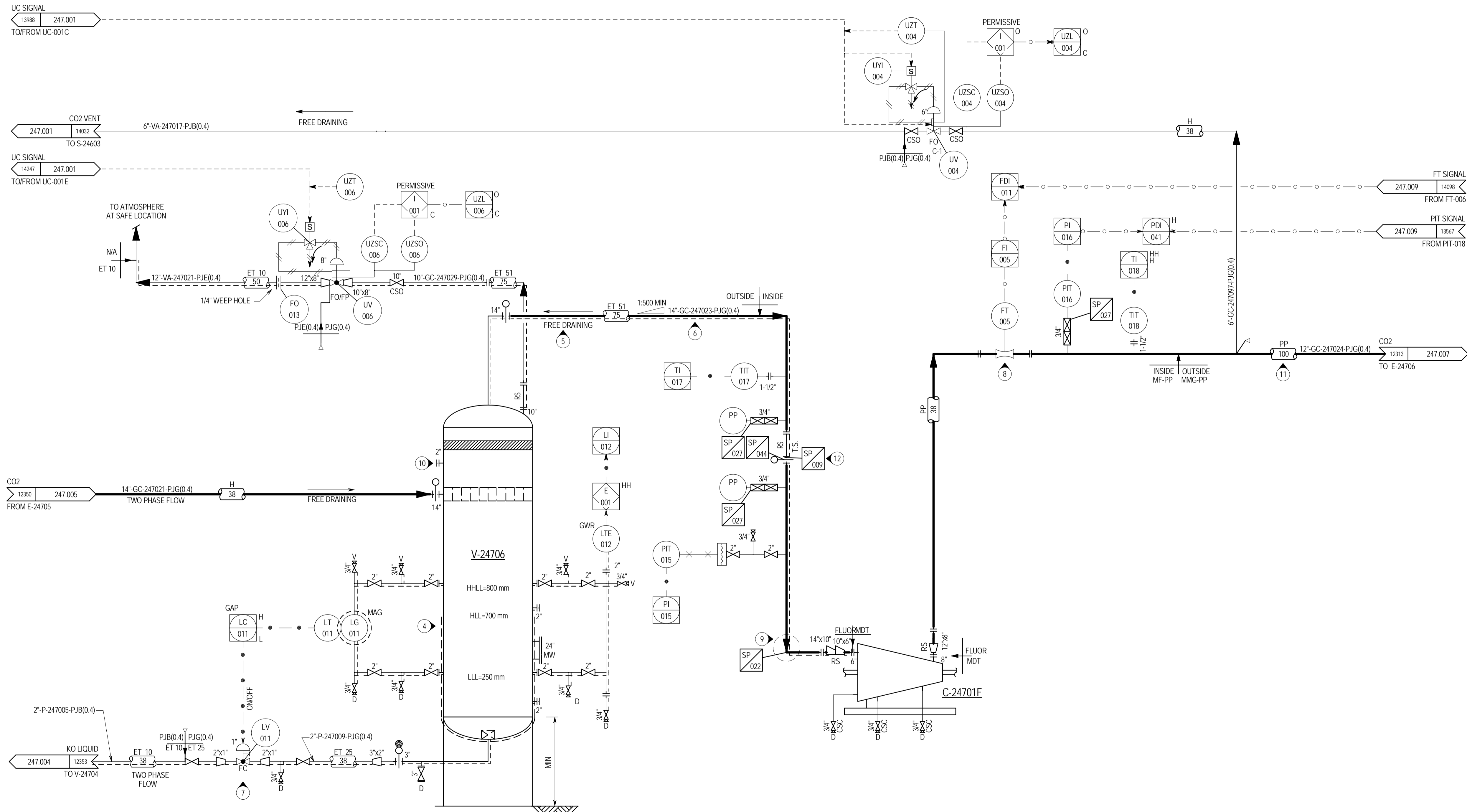
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**V-24706**  
**COMPRESSOR 6th STAGE KO DRUM**  
 SIZE: 1700 mm ID x 2000 mm T/T  
 DESIGN PR. & TEMP.: 4200 kPa-g @ 105 °C / FV @ 150 °C  
 MATERIAL (VESSEL/INTERNAL): CS + 3 mm 304L SS CLAD / 316L SS  
 INSULATION TYPE/THK: H / 38 mm  
 TRIM: VT-247006-PJG(0.4)

- NOTES:**
- SEE DRAWINGS 200.0000.000.041.007 THRU 016 FOR SYMBOL IDENTIFICATION GENERAL NOTES & CONNECTION DETAILS.
  - ALL INSTRUMENT TAG NUMBERS ARE PREFIXED BY "247" UNLESS OTHERWISE STATED.
  - DRIVER POWER AND DIFFERENTIAL PRESSURE DEPICTED ARE THE TOTAL FOR THE COMPRESSOR.
  - ELECTRIC TRACE (ET 25) WITH 75 mm INSULATION THICKNESS TO HLL.
  - MAXIMIZE LENGTH OF PIPING THAT FREE DRAINS TO KO DRUM.
  - GTAW ROOT PASS WELD IS MANDATORY ON THIS LINE.
  - THE CV OF LV-011 AFFECTS THE SIZING OF RV-006 FOR THE VAPOUR BLOWTHROUGH CASE.
  - FLOW MEASUREMENT AND ADDITIONAL INSTRUMENTS ARE REQUIRED FOR ON-SITE COMPRESSOR PERFORMANCE TESTING.
  - VANED ELBOW.
  - RELIEF VALVE NOZZLE. RELIEF VALVE NO LONGER REQUIRED AS SYSTEM IS PROTECTED BY OPPSD (REFERENCE DOCUMENT: A6GT-R-1071 - OPPSD TECHNICAL JUSTIFICATION AND BASIS).
  - METAL MESH GUARD FOR PERSONNEL PROTECTION. THE DISTANCE BETWEEN METAL MESH GUARD AND BARE SURFACE, IN mm, IS SPECIFIED IN THE SYMBOL.
  - AFTER START-UP, TEMPORARY STRAINER SP-247009 TO BE REPLACED BY SPACER SP-247044.



**C-24701F**  
**CO2 COMPRESSOR 6th STAGE**  
 RATED FLOW: 84255 Sm<sup>3</sup>/hr  
 DIFF PRESSURE: 12229 kPa  
 DRIVER: 16500 kW  
 MATERIAL: 304 SS  
 INSULATION TYPE/THK: PP/

**FLUOR**  
**IAB – Issued As Built**  
**Sep 28, 2015**

**CRITICAL DRAWING**  
**AS BUILT**  
**INFORMATION REQUIRED**

THE HARD COPY ORIGINAL CONTAINS THE ENGINEERING AND PERMIT STAMPS, SIGNATURE AND DATES

REV	ISSUED DATE	DESCRIPTION	BY	CHK	PRS	CS	PDP	MC	APE	PEM	CLIENT APP
5	08/28/15	CHANGE LIST 247.0000.000.041.006	GB	CC	-	-	-	-	-	-	-
4	09/29/15	CHANGE LIST 247.0000.000.041.006	GB	CC	-	-	-	-	-	-	-
3	07/08/13	ISSUED FOR CONSTRUCTION	GB	KB	KH	SL	-	-	-	-	BB
2	02/01/13	ISSUED FOR CONSTRUCTION	GB	KB	KH	SL	-	-	-	-	EM
1	10/31/12	ISSUED FOR CONSTRUCTION	GB	KB	KH	SL	-	-	-	-	EM
0A	07/25/12	RE-ISSUED FOR PHA	-	-	-	-	-	-	-	-	-
0	09/15/11	ISSUED FOR DESIGN	BG	OC	KH	SD	-	-	-	-	EM MD

**SHELL CANADA**  
 QUEST CCS PROJECT

**FLUOR**

PIPING AND INSTRUMENT DIAGRAM  
 QUEST CCS PROJECT  
 UNIT 247 - COMPRESSION  
 CO2 COMPRESSOR 6TH STAGE

SCALE: NONE  
 SHELL DWG NO.: 247.0000.000.041.006  
 REV. 5

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FILE: \\E:\1025\DRAWINGS\CO2\247\006.pid MODEL DATE: 8/28/2015 9:38:13 AM BY: baes2451

DWG. No. SHELL 247.0000.000.041.006

TITLE CO2 COMPRESSOR 6TH STAGE

REV.	DATE	DESCRIPTION	DRWN	CHKD	MECH	PROC	INST	APP'D	LOC
4	MAY 23 2015	AS-BUILT AS PER MOC-11457. ADDED NOTE TO REPLACE TEMP STRAINER SP-247009 BY SPACER SP-247044. ADDED HH ALARM FOR TI-247018. MMG REPLACED WITH MINERAL FIBER AND ALUMINUM CLADDING FOR PERSONAL PROTECTION ON LINE 12"-GC-247024-PJG(0.4). REPLACE TAG NUMBER UYE-247004 TO UYI-247004. ADDED PERMISSIVE TO INTERLOCK I-247001.	CC	GB					B\2,3 C\2,3 D\1,2
5	AUG 19 2015	AS-BUILT AS PER MOC-11457. ADDED NEW VALVE & INSTRUMENT UV-006 & FO-013. ADDED TWO LINES 10"-GC-247029-PJG(0.4) & 12"-VA-247021-PJE(0.4)	CC	GB					C\3,4

NOTES

- MULTIPLE REVISIONS ARE PERMITTED UNDER A SINGLE REVISION NUMBER.
- — LINE UNDER REVISION INDICATES NOT MICROFILMED-REVISION STILL OPEN.
- LINE UNDER REVISION INDICATES MICROFILMED-REVISION CLOSED.



SHELL CANADA PRODUCTS LIMITED  
SCOTFORD COMPLEX ALBERTA

CHANGE LIST

DRAWN GB	DATE 15/05/23	DESIGN	SCALE N.T.S.	CHECKED CC	APPROVED CC
SHELL DRAWING NUMBER 247.0000.000.041.006					REV. SHEET 5 1 OF 1