



## GENERAL NOTES:

- OR GENERAL NOTES, SYMBOLS, ABBREVIATIONS AND TYPICALS,  
REFER TO DRAWING:AD197-473-D-10500 TO 10508.

ALL INSTRUMENT AND SPECIAL PIPING ITEM TAG NUMBERS TO BE  
PRECEDED BY THE AREA CODE 576 UNLESS INDICATED OTHERWISE.

PERFORMANCE GUARANTEE OF THE COMPLETE VRU PACKAGE SHALL  
BE RESPONSIBILITY OF THE PACKAGE VENDOR.

REV-0 OF THIS P&ID IS DEVELOPED FROM TRAIN-1 REV-0 P&IDs  
REV-B&C OF THIS P&ID (TRAIN-2) WAS NOT ISSUED AS VRU SYSTEM  
TRAIN-1 & TRAIN-2 ARE IDENTICAL.

TESTS:

ELEVATION GAUGE LG-3616 TO BE VISIBLE FROM GLOBE VALVE V145008.  
OD STRAIGHT LENGTH.

EMOVABLE SPOOL FOR INSPECTION AND MAINTENANCE.  
" BALL VALVE WITH BLIND FLANGE SHOULD BE PROVIDED FOR IN SITU  
CALIBRATION AND TESTING.

BLIND FLANGE TO ISOLATE THE PIPE UPSTREAM AND DOWNSTREAM OF  
EMOVABLE SPOOL TO BE PROVIDED IN THE WAREHOUSE.

BLIND FLANGE TO BE PROVIDED IN THE WAREHOUSE FOR PSV INLET/  
OUTLET NOZZLE. TO BE USED WHEN THE RELIEF VALVE IS REMOVED.

~~DELETED~~

EMOVABLE TOP HEAD.

DEDICATED PORTABLE ASSEMBLY WITH FLANGE ADAPTOR CHECK VALVE  
AND QUICK HOSE CONNECTION TO BE PROVIDED IN WAREHOUSE.

PROVISION TO MEASURE H<sub>2</sub>S CONTENT BY PORTABLE DEVICE AFTER  
MAINTENANCE PURGING.

VENTING ARRANGEMENT DURING START-UP AND DURING STAND-BY  
CONDITION. XV-3673 WILL OPEN DURING START-UP IF PRESSURE  
REACHES 1.6 barg AND CLOSE IF PRESSURE REACHES 0.6 barg BASED  
ON THE PRESSURE READING ON PT-3607 ON FIRST STAGE COMPRESSOR  
JUNCTION.

UNSIMILAR TYPE CHECK VALVES THESE ITEMS TO BE PLACED IN RSRD.  
PT-3660 SIGNAL TO BE CONFIGURED IN DEDICATED DCS SCREEN FOR  
DV-3618A PERFORMANCE TESTING TO MEASURE TIME BETWEEN  
OPERATING PRESSURE AND 100 Psig (6.9 BARG).

THE BALANCED BELLows TYPE BONNET VENT OF PRESSURE SAFETY  
VALVE SHALL BE ROUTED TO SAFE LOCATION WITHOUT CAUSING ANY  
BACK PRESSURE TO THE VALVE. REFER INSTRUMENT HOOK-UP  
TRAINING No. AD197-576-I-50338.

FOR PASSIVE FIRE PROTECTION INSULATION LIMITS, REFER PASSIVE  
FIRE PROTECTION REPORT AD197-473-G-07006.

THE COAT BACK OF INSULATION SHOULD BE EXTENDED OVER THE  
FLANGES AND 1m UPSTREAM SIDE OF THE VALVE.  
~~DELETED~~

FOR INSTRUMENT VENTS FROM PT/PDT, REFER P&ID No.  
AD197-576-D-16621.

HOLDS:

- 1. DELETED.
  2. DELETED.
  3. DELETED.
  4. DELETED.
  5. DELETED.
  6. DELETED.
  7. DELETED.
  8. DELETED.
  9. DELETED.
  10. DELETED.

UMM LULU PHASE II FULL FIELD DEVELOPMENT PROJECT PACKAGE 2  
UMM LULU SUPER COMPLEX AND SUBSEA COMPOSITE POWER CABLES

P JOB No.	TECHNIP DRG. No.	DOC. CLASS
451Y	9451Y-600-PID-0021-120	1

 The logo for Abu Dhabi Marine Operating Company (ADMA) features a stylized blue and green circular design on the left, followed by the letters "ADMA" in large blue block letters, with "ADCO" in smaller letters below it. To the right of the logo, the company's name and address are listed in black text.

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REF: E	ULSC-UMM LULU GAS TREATMENT PLATFORM PIPING AND INSTRUMENTATION DIAGRAM ULGTP VRC 4TH STAGE DISCHARGE SCRUBBER-TR.2		
NTS	DRG NO.	AD197-576-D-16652	
	AREA	SECTION	NUMBER
			2
			ISSUE
	SHT. SIZE: A0		

