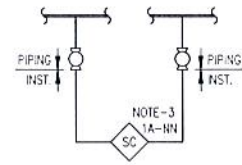
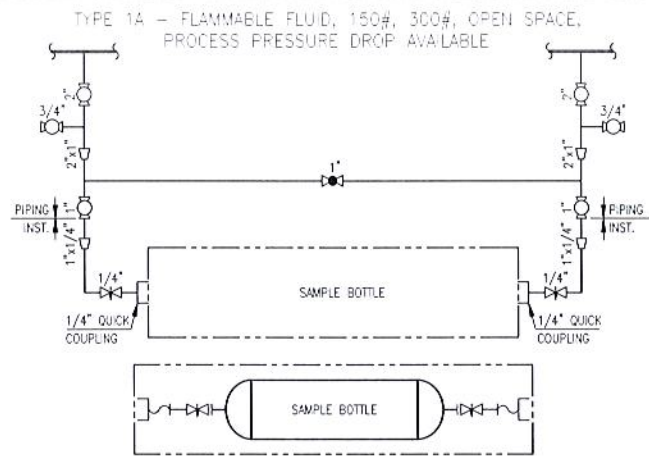


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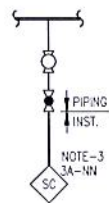
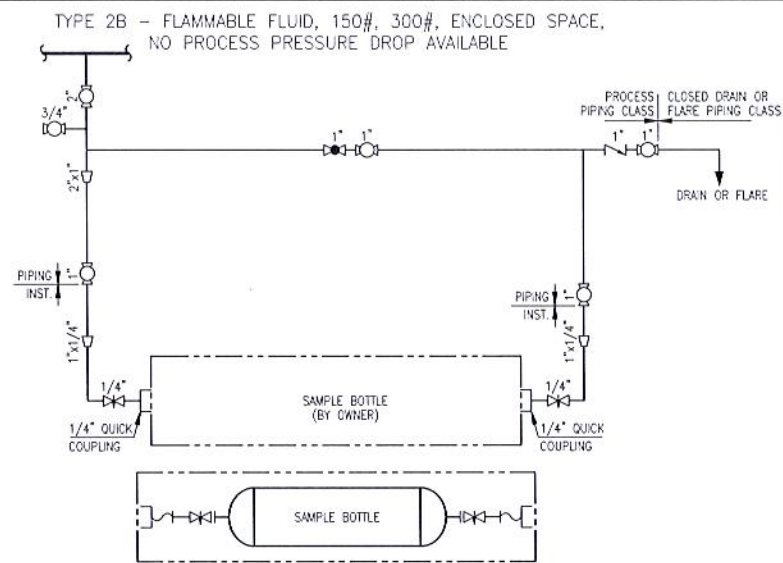
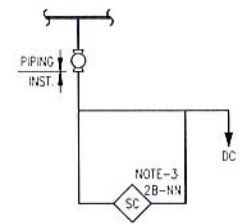


ENGINEERING DETAIL

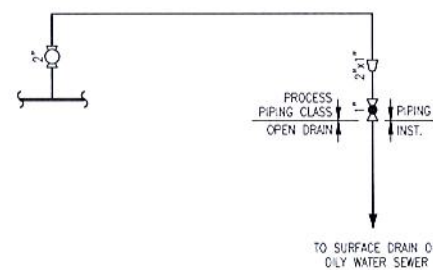


NOTES:

1. FLOW ASSUMED LEFT TO RIGHT AS SHOWN.
2. VALVE TYPE PER LINE CLASS, VALVE SIZE PER PIPING SPECIFICATION.
3. NN-UNIQUE SEQUENCE NUMBER.
4. TO BE PROVIDED WITH ICE BATH AS NO UTILITY WATER IS AVAILABLE AT THE CPS.



TYPE 3A - NON-HAZARDOUS FLUID, NON-FLAMMABLE 150#, 300#, <65°C



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REV	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D
C01	25.05.16	ISSUED FOR CONSTRUCTION	DX	WU	AB
D01	18.02.16	ISSUED FOR USE (DD)	DX	S/NU	AB
H01	09.11.15	ISSUED FOR HAZOP (DD)	DX	S/NU	TT
G01	26.10.15	ISSUED FOR REVIEW (DD)	DX	S/NU	TT
B01	28.05.15	ISSUED FOR DESIGN	DX	S/RS	TT
A01	10.02.15	ISSUED FOR COMPANY REVIEW	DX	HM/RS	VM

EARLY POWER PLANT
RUMAILA OIL FIELD
CONTRACT NO. 100478

中国石油工程建设公司
CHINA PETROLEUM ENGINEERING & CONSTRUCTION CORP.

CH2MHILL

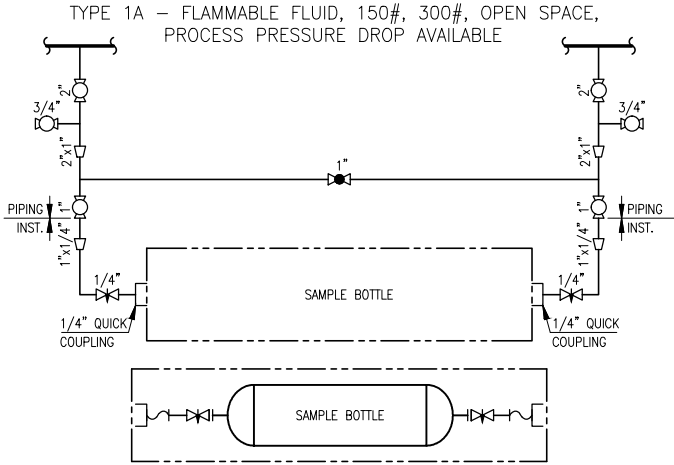
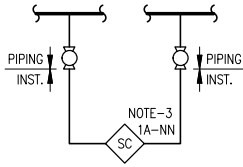
DRAWING TITLE:
PIPING AND INSTRUMENTATION DIAGRAM
LEGEND SHEET
SAMPLE CONNECTIONS (TYPICAL)

PROJECT NO.	100478CP	SCALE:	NONE	DWG. SIZE:	A1
DRAWING NUMBER:	100478CP-N-PG-PP01-PR-PID-0001-012	SHEET NO.:	12/17	REV.:	C01

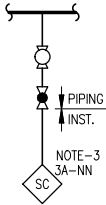
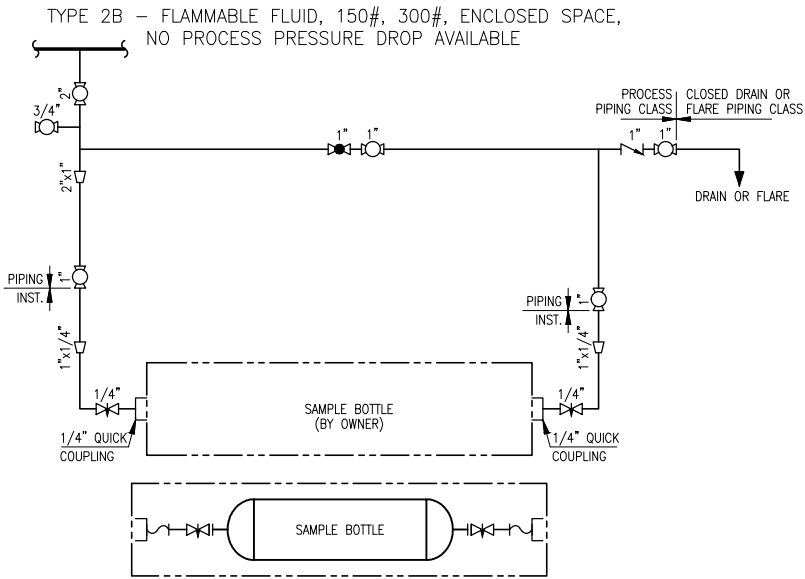
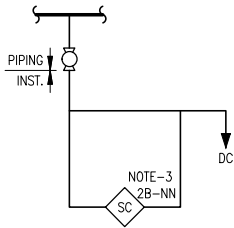
SHOWN ON P&ID

ENGINEERING DETAIL

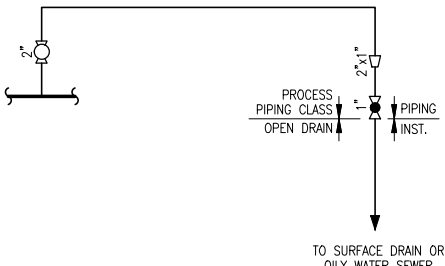
NOTES:



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TYPE 3A – NON-HAZARDOUS FLUID, NON-FLAMMABLE 150#, 300#, <65°C



REV	DATE	DESCRIPTION	PREP'D	CHK'D	APP'D
C01	25.05.16	ISSUED FOR CONSTRUCTION	DX	VU	AB
D01	18.02.16	ISSUED FOR USE (DD)	DX	SI/VU	AB
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EARLY POWER PLANT
RUMAILA OIL FIELD
CONTRACT NO. 100478

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CHINA PETROLEUM ENGINEERING & CONSTRUCTION CORP.



DRAWING TITLE:
PIPING AND INSTRUMENTATION DIAGRAM
LEGEND SHEET
SAMPLE CONNECTIONS (TYPICAL)

PROJECT NO.	100478CP	SCALE:	NONE	DWG SIZE:	A1
DRAWING NUMBER:	100478CP-N-PG-PP01-PR-PID-0001-012	SHT. NO.:	12/17	REV.	C01