

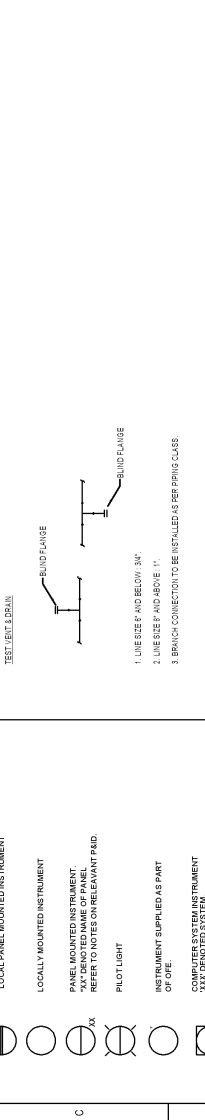
- PROCESS AND UTILITY PRESSURE CONNECTIONS**
- VESSELS**
- PIPING
 - INSTRUMENTS
 - DIAPHRAGM CHEMICAL SEAL FOR PRESSURE INSTRUMENT
 - VALVE TO PIPING CLASS
 - 1/2" NPT
 - BULK & L.P. LIQUID SYSTEM
- PIPEWORK**
- PIPING
 - INSTRUMENTS
 - VALVE TO PIPING CLASS
 - 1/2" NPT
 - OTHER SYSTEM (EXCEPT BULK & L.P. SYSTEM)

INSTRUMENT ABBREVIATIONS

- PI PRESSURE INDICATION
- PT PRESSURE TRANSDUCER
- POT PRESSURE DIFFERENTIAL TRANSMITTER
- PSV PRESSURE SAFETY VALVE
- PCV PRESSURE CONTROL VALVE
- PR PRESSURE RELAY
- LSL LEVEL SWITCH LOW
- LSH LEVEL SWITCH HIGH
- LAL LEVEL ALARM LOW
- LAH LEVEL ALARM HIGH
- LH LEVEL TRANSMITTER
- LI LEVEL INDICATION
- FI FLOW INDICATION
- FT FLOW TRANSMITTER
- HT HIGH TEMPERATURE INDICATION
- HT HT HIGH TEMPERATURE TRANSMITTER
- TI TEMPERATURE INDICATION
- TT TEMPERATURE TRANSMITTER
- SC STRIKE COUNTER

INSTRUMENT SYMBOLS

- FLOW ELEMENT (VENTURIS OR NOZZLES)
- FLOW ELEMENT (ORIFICE PLATE)
- FLOW ELEMENT (TURBINE OR PROPELLER)
- RUPTURE DISC
- ROTAMETER
- LOCAL PANEL MOUNTED INSTRUMENT
- LOCALLY MOUNTED INSTRUMENT
- PAISE MOUNTED INSTRUMENT
- XXX DENOTES SYSTEM
- XXX DENOTES NAME OF PANEL
- REFER TO NOTES ON RELEVANT PAD.
- PILOT LIGHT
- INSTRUMENT SUPPLIED AS PART OF OPE.
- COMPUTER SYSTEM INSTRUMENT
- XXX DENOTES SYSTEM
- XXX DENOTES NAME OF PANEL
- DWS - DRELL'S WORKSTATION
- MS - MISC. CONTROL SYSTEM
- LOGIC INTERLOCK
- EMERGENCY SHUTDOWN
- DIAPHRAGM CHEMICAL SEAL FOR PRESSURE INSTRUMENT (BULK & L.P. LIQUID SYSTEM)
- TARGET TYPE SENSOR
- RESTRICTION ORIFICE



REVISIONS

REV	ISSUE	DATE	CHK	APP	DES	APP
H	REDESIGNED FOR CONSTRUCTION	14.04.15	J.A.	INDU.	DCCA	
G	REDESIGNED FOR CONSTRUCTION	14.07.14	S.J.	INDU.	DCCA	
F	REDESIGNED FOR CONSTRUCTION	01.04.14	S.J.	INDU.	DCCA	
E	REDESIGNED FOR CONSTRUCTION	31.03.13	S.J.	INDU.	DCCA	
D	REDESIGNED FOR CONSTRUCTION	30.03.13	HMC	INDU.	DCCA	
C	REDESIGNED FOR APPROVAL	31.03.13	HMC	INDU.	DWS	
B	REDESIGNED FOR APPROVAL	30.03.13	HMC	INDU.	DWS	
A	ISSUED FOR APPROVAL	02.07.12	HMC	INDU.	DWS	

PROJECT

PROJECT TITLE: **ENSCO DS-89**

CLIENT: **ENSCO**

SAMSUNG HEAVY INDUSTRIES

ENSCO DS-89

PIPING & INSTRUMENT DIAGRAM

LEGEND 2

DRAWING TITLE: **PIPING & INSTRUMENT DIAGRAM**

DWG. NO.: **A1** SCALE: **NTS** DRAWN: **XXXXXXXXXX** CHECKED: **XXXXXXXXXX**

SPI No.: **XXXXXXXXXX** DRAWING No.: **2059/02-RPBA-100-02** SHEET No.: **1/1** H

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