



ELEVATION OF HIPPS SKID UNIT

MATERIAL LIST

ITEM No	DESCRIPTION	No REQd	MODEL	MANUF
1	WELDED SKID BASE UNIT	1	NA	TBA
2	GRAYLOC HUB	3	NA	TBA
3	FLOWLINE PIPE	AS REQd	NA	TBA
4	GRAYLOC CONNECTOR	8	NA	TBA
5	MANUAL ISOLATION VALVE	1	NEXTECH 2	VALVTECHNOLOGIES
6	ACTUATED SHUT OFF VALVE	2	NEXTECH 2	VALVTECHNOLOGIES
7	OVERSIZED ACTUATOR	2	TBA	TBA
8	MANUAL PRESSURE EQUALISING VALVE	1	TBA	VALVTECHNOLOGIES
9	MANUAL NEEDLE VALVE	1	TBA	VALVTECHNOLOGIES
10	PRESSURE EQUALISING PIPE	AS REQd	NA	TBA

MATERIAL LIST

ITEM No	DESCRIPTION	No REQd	MODEL	MANUF
11	MANUAL ISOLATING VALVE	1	TBA	TBA
12	PIPE SUPPORT	5	NA	TBA
13	INSTRUMENT CONNECTION	3	NA	TBA
14	VENT / BLEED CONNECTION	2	NA	TBA
15	VENT VALVE	2	TBA	VALVTECHNOLOGIES
16	PRESSURE TRANSMITTER (SIL 2)	3	3051	ROSEMOUNT
17	DOUBLE BLOCK & BLEED VALVE SET	3	TBA	OLIVER VALVES
18	SOLENOID VALVE	2	2002D	ASCO
19	ENCLOSURE (304 ST ST)	1	Exe 'N'	MCE
20	LOGIC SOLVER	1	PLANAR 4	HIMA SELLA

NOTES:

- 1 SYSTEM DESIGN IN ACCORDANCE WITH IEC 61508 SIL 2 / SIL3 REQUIREMENTS.
- 2 SYSTEM ARCHITECTURE IS A 2oo3 VOTING SYSTEM .
- 3 SIL CALCULATIONS REQUIRED TO SATISFY BS EN 61508, BASED ON COMPONENT RELIABILITY & FAULT TOLERANCE REQUIREMENTS.

REV	DESCRIPTION	DR	CAD	CH	APP	DATE	<p>Moore Control & Engineering plc Neville House, Concordia Way, Stalling-up-Town, T91B 3L Tel: +44 (0) 1842 882211 Fax: +44 (0) 1842 882233 E-mail: mce@mcepic.com Web site: www.mcepic.com</p>	THIS DRAWING REMAINS THE PROPERTY OF MOORE CONTROL & ENGINEERING plc. IT MUST NOT BE COPIED, LENT OR SHOWN TO THIRD PARTIES WITHOUT WRITTEN CONSENT OF THE COMPANY AND MUST BE RETURNED ON DEMAND. DR JHW DATE XX-XX-XX CAD JHW DATE XX-XX-XX CH PS DATE XX-XX-XX APP SD DATE XX-XX-XX	CLIENT TITLE GENERIC ARRANGEMENT OF HIPPS SKID. MCE Dwg. No. CLIENTS Dwg. No. CLIENTS Dwg. No. SCALE CLIENTS APPROVAL
CLIENT									