



NOTES

1) UNLESS OTHERWISE INDICATED, FIRE AND GAS ALARM CABLES SHALL BE AS FOLLOWS AND FLAME RETARDANT CATEGORY "C" REFER TO L290-AJ-SPC-0025.

FOR INITIATING DEVICES

300/500V, 1-PAIR 1.5mm2, LSZH-MC-OS-LSZH-SWA-LSZH OUTER SHEATH COLOR: RED (FIRE ALARM)

300/500V, 1-TRIPLE 1.5mm2, LSZH-MC-OS-LSZH-SWA-LSZH OUTER SHEATH COLOR: RED (GAS DETECTOR)

300/500V, 2-QUAD 1.5mm2, LSZH-MC-OS-LSZH-SWA-LSZH OUTER SHEATH COLOR: RED (BETWEEN GAS DETECTOR JB AND GAS DETECTOR DISPLAY MONITOR).

FOR NOTIFICATION APPLIANCE

300/500V, 1-PAIR 2.5mm2, LSZH-MC-OS-LSZH-SWA-LSZH OUTER SHEATH COLOR: RED

- REFERENCES:**
- L300-DF-LAD-10033.001 : FIRE AND GAS SYSTEM LAYOUT
L300-DF-LAD-10034.001 : HSSD PIPING LAYOUT
- LEGEND:**
- : OPTICAL TYPE SMOKE DETECTOR ROOM SPACE (ADDRESSABLE TYPE)
 - : OPTICAL TYPE SMOKE DETECTOR (DUCT MOUNTED TYPE, ADDRESSABLE TYPE)
 - : MANUAL CALL POINT (ADDRESSABLE TYPE)
 - : FLAMMABLE GAS DETECTOR
 - : FIRE ALARM BEACON
 - : GAS ALARM BEACON
 - : FIRE AND GAS ALARM HORN
 - : INTRINSICALLY SAFE DEVICE
 - : JUNCTION BOX (SUPPLIED BY INSTRUMENT)
 - : LOOP ISOLATOR MODULE, DIN RAIL MOUNT
 - : LOOP ISOLATOR MODULE, SURFACE MOUNT
 - : ADDRESSABLE MONITOR MODULE
 - : END-OF-LINE DEVICE
 - : FIRE INDICATOR PANEL
 - : INTRINSIC SAFE BARRIER MODULE
 - : EXPLOSION PROOF DEVICE
 - : HSSD FIRE ALARM PANEL
 - : THERMAL HEAT DETECTOR, DUCT MOUNTED TYPE
 - : ADDRESSABLE CONTROL MODULE
 - : VESDA POWER SUPPLY UNIT/BATTERY
 - : TRANSLATOR MODULE
 - : ADDRESSABLE ZONE MODULE
 - : ADDRESSABLE DUAL MONITOR MODULE
 - : MAIN INSTRUMENT CABLE LADDER
 - : 8-WAY RELAY MODULE
 - : ADDRESSABLE TEN INPUT MODULE
 - : ADDRESSABLE SIX INPUT MODULE
 - : LOOP EXPANSION MODULE
 - : FLAMMABLE GAS DETECTOR INDICATOR

No.	DATE	ISSUE	PURPOSE	PREPARED	CHECKED	APPROVED
7	29-Jun-16	INTERIM AS-BUILT (AT MFY)	J. Ramos	H. Sosa	T. Ishizu	
6	01-Mar-16	INTERIM AS-BUILT (AT MFY)	M. Obrero	D. Batin	T. Ishizu	
5	10-Nov-15	IFC	B. Hernandez	D. Batin	T. Ishizu	

REVISIONS

INPEX

ICHTHYS ONSHORE LNG FACILITIES

DRAWING TITLE

LOCAL INSTRUMENT ROOM
(INLET FACILITIES AREA, A3BB)
FIRE AND GAS ALARM SYSTEM DIAGRAM
SHEET 2

JKC
JKC AUSTRALIA LNG PTY LTD

SCALE: NONE

COMPANY CONTRACT NO.: 800224 REVIEW CLASS: 2

JGC JOB CODE: 0-6037-21 KBR JOB CODE: F034 CHD JOB CODE: 11051

JKC DWG NO.: D-A3BB-1340-1507-1 SIZE: A1

COMPANY DWG NO.: L300-DF-LGD-10009.002 REV: 7