



TABLE A NOTE 29

HIPPS PT INTERLOCKING MANIFOLDS TAG LIST				
ASSEMBLY BOX	PRESSURE INDICATOR	TEMPERATURE INDICATOR	LOW TEMPERATURE ALARM	CLOSE LIMIT SWITCH
L-510-JP-004-A	PZI-0004-A	TI-0151-A	TAL-0151-A	ZSC-0152-A
L-510-JP-004-B	PZI-0004-B	TI-0151-B	TAL-0151-B	ZSC-0152-B
L-510-JP-004-C	PZI-0004-C	TI-0151-C	TAL-0151-C	ZSC-0152-C

- GENERAL NOTES:**
- A. FOR GENERAL NOTES, ABBREVIATION AND SYMBOLS, SEE DRAWINGS L290-DP-PID-0001.001 TO L290-DP-PID-0001.003.
- B. FOR DRAWING CLARITY, THE FACILITY CODE HAS BEEN OMITTED FROM TAG AND LINE NUMBERS WHEN IT IS THE SAME AS INDICATED IN COMPANY DRAWING NUMBER.
- NOTES:**
- DELETED.
 - SUPPORT FOR TWO PHASE FLOW SHALL BE PROVIDED.
 - DELETED.
 - DELETED.
 - DELETED.
 - SHUTDOWN REQUIRES 2003 VOTING FOR ACTUATION.
 - DELETED.
 - DELETED.
 - SWITCH TO MANUAL AND CLOSE VALVE TO 0% OPENING ON ACTIVATION OF 510-SD-0330.
 - SWITCH TO MANUAL AND CLOSE VALVES TO 0% OPENING ON ACTIVATION OF 510-SD-0311.
 - DELETED.
 - DELETED.
 - DELETED.
 - DELETED.
 - 510-TC-0006 TRANSMITTER FIELD INDICATION TO BE READABLE FROM 510-TV-0006 HANDWHEEL.
 - DELETED.
 - DELETED.
 - DELETED.
 - CAPACITY LIMITING DEVICE FOR 510-PSV-0004 OPENING SPEED OF THESE VALVES AFFECTS HIPPS FUNCTIONALITY.
 - DELETED.
 - DELETED.
 - CLOSURE OF 510-PV-0003-A IS A PERMISSIVE TO OPEN 510-ESDV-0059 AND 0060.
 - CLOSURE OF 510-PV-0003-B IS A PERMISSIVE TO OPEN 510-ESDV-0057 AND 0058.
 - CLOSURE OF 510-PV-0003-C IS A PERMISSIVE TO OPEN 510-ESDV-0055 AND 0056.
 - AXIAL FLOW TYPE VALVE.
 - MECHANICAL INTERLOCK (510-SP-008) ON EACH FINGER INLET VALVES TO ENABLE ONLY TWO FINGERS IN OPERATION AT THE SAME TIME. (AND TO PREVENT VALVES OPENING UNDER DOWNSTREAM PV IS OPENED CONDITION).
 - HIPPS PT INTERLOCKING MANIFOLDS SHALL BE EQUIPPED WITH INSTRUMENTS LISTED IN TABLE A.
 - TEMPERATURE TRANSMITTER: TO MONITOR TEMPERATURE INSIDE OF ASSEMBLY BOX AND ALARM.
 - LIMIT SWITCH: FOR INTERLOCK HIPPS PRESSURE TRANSMITTERS.
 - SPACE HEATER: TO AVOID HYDRATE FORMATION.
 - ARRANGEMENT TO BE REFERRED TO L290-DP-PID-0013.001, HIPPS PRESSURE TRANSMITTER.
 - TO BE USED FOR LOW RANGE.
 - TO BE USED FOR HIGH RANGE.
 - FUTURE TIE-IN CONNECTION FOR SPOOL, FLOWMETER, AND ASSOCIATED VALVES TO BE ADDED IN PHASE 1B TO ACCOMMODATE REDUCED FLOW RATE. SPOOL LENGTH SHALL MEET STRAIGHT RUN REQUIREMENT FOR PHASE 1B FLOWMETER. ADEQUATE SPACE SHALL BE ALLOCATED FOR FUTURE INSTALLATIONS.
 - MECHANICAL INTERLOCK BETWEEN EACH SENSOR BRIDGE ISOLATION VALVE AND EACH FINGER OUTLET ISOLATION VALVE.
 - 510-PV-0003-A/B/C HAVE A MANUAL/RAMP/AUTO SELECT VIA THE PCS TO ALLOW INDIVIDUAL OPERATION OF THE VALVES.
 - SINGLE LOCKING DEVICE FOR LOW TEMPERATURE MANAGEMENT.
- HOLDS:**
- 2-4. DELETED.
- 6-10. DELETED.

3	30-May-14	IFC	R.Tsurumi	T.Kondo	T.Asoo
2	24-May-13	IFC	R.Tsurumi	T.Kondo	T.Asoo
1	31-Oct-12	IFC	R.Tsurumi	T.Kondo	T.Asoo
0	28-May-12	IFC WITH HOLD	R.Tsurumi	T.Kondo	T.Asoo
E	28-Nov-11	IFR	R.Tsurumi	T.Kondo	T.Asoo
No	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED

INPEX

ICHTHYS ONSHORE LNG FACILITIES

DRAWING TITLE: PIPING & INSTRUMENT DIAGRAM
SYSTEM 510
ONSHORE ARRIVAL

PRESSURE LETDOWN STATION 1 & FEED GAS SEPARATOR 1 SHEET 1

JKC

JKC AUSTRALIA LNG PTY LTD

SCALE: NONE

COMPANY CONTRACT NO: 800224

REVIEW CLASS: 2

JKC JOB CODE: 0-6037-21

KBR JOB CODE: F034

CHD JOB CODE: 11051

JKC DWG NO: D-0510-1225-0104-0

SIZE: A1

COMPANY DWG NO: L510-DP-PID-0004-001

REV: 3

INDRA

30-MAY-2014