<u>LA-1-001-B</u> 1) ALL DIMENSIONS IN MILLIMETERS UNLESS LOADING ARM PACKAGE OTHERWISE STATED. DESIGN PRESSURE: 1943 psi/134 barg 2) ON LOSS OF HYDRAULIC POWER VALVES WILL FAIL DESIGN TEMP: -4.0°F/-20.0°C TO 176°F/80°C MAXIMUM FLOW RATE: 500mmscfd PEAK FLOW RATE: 690 mmscfd 3) THE EXISTING HP LOADING ARM (A) ESD PUSH BUTTON TO HAVE AN ADDITIONAL STOP CIRCUIT ADDED TO INCORPORATE HP LOADING ARM (B). 4) ESD OVERRIDE BEACON TO BE LOCATED ADJACENT TO THE HP LOADING ARM TOWER CONTROL JUNCTION BOX 1 (A4). 5) REMOTE I/O. LINE. PH-1-0015-B4-50 QC/DC BLOWDOWN LINE DRG. 10100111-P-0701-003 TO JETTY HEAD SHIP CONNECTION ESD & VENTING SYSTEM **REFERENCES:** PROCESS P&ID'S - 10100111-P-0701-XXX OUT OF RANGE 001 - LEGEND 002 - JETTY HEAD HIGH PRESSURE GAS LOADING ARM XZA 1055 B NOTE 4 XS 1018 B 003 - JETTY HEAD SHIP CONNECTION ESD & VENTING SYSTEM 004 - ONSHORE RECEPTION (PIG TRAP) AREA TO CUSTODY TRANSFER STATION 005 - CUSTODY TRANSFER STATION FILTRATION & METERING SKID LA-1-001-B 006 - CUSTODY TRANSFER STATION PRE-HEATING SYSTEM XZA 1013 LINE. PH-1-0008-B4-50 007 - CUSTODY TRANSFER STATION BACK PRESSURE XZS 1016 CONTROL SKID DRG. 10100111-P-0701-003 008 - FIRE WATER SYSTEM TO JETTY HEAD SHIP CONNECTION ESD & 011 - JETTY HEAD HIGH PRESSURE GAS LOADING ARM B VENTING SYSTEM NITROGEN PURGE LINE NOTE 5 LTCS CS (B4) (A1) CL900 CL150 ----|------LINE. NG-4-0407-A1-50 PH-1-0008-B4-50 NG-4-0407-A1-50 DRG. 10100111-P-0701-002 NITROGEN SUPPLY NOTE 2 TI 1005 B PI 1011 B NOTE 5 PT 1011 B NOTE 2 QC/DC_ PH-1-0002-B4-300 LINE. PH-1-0002-B4-300 CONNECTION TO FSRU DRG. 10100111-P-0701-003 ZV1007B TO JETTY HEAD SHIP CONNECTION ESD & VENTING SYSTEM 2 05.02.18 FINAL (EETL EXPANSION) 1 | 29.11.17 | FOR REVIEW (EETL EXPANSION) O 12.10.17 FOR REVIEW (EETL EXPANSION) REV DATE DESCRIPTION engroelengy terminal excelerate GANGWAY ESD PUSH BUTTON CHERRY TREE BUSINESS PARK ESTATE ROAD No.5 N E LINCOLNSHIRE TECHNICA DN31 2TX UNITED KINGDOM T. +44 (0)1472 268007 W. www.technicaltd.com J.HOWELL PROJECT No 10100111 DRAWN BY 12.10.17 CLIENT REF EXCELERATE ENERGY EETL FAST TRACK LNG PROJECT - P&ID JETTY HEAD HIGH PRESSURE JETTY HEAD CONT. ON 10100111-P-0701-003 GAS LOADING ARM B DRAWING NUMBER REVISION E-10100111-P-0701-01 © COPYRIGHT TECHNICA LTD. THIS DOCUMENT AND THE INFORMATION CONTAINED UPON IT REMAINS THE INTELLECTUAL PROPERTY OF TECHNICA LTD. ANY CHANGES OR COPYING OF THIS DOCUMENT CAN ONLY BE CARRIED OUT WITH THE WRITTEN CONSENT OF THE OWNER.