

中华人民共和国
工程设计综合资质
甲级证书A112000022

V-1101A
RECONDENSER
hold mm IDxhold mmH
DESIGN PRESSURE +1.89MPag (1.05 MPag at +180°C)
DESIGN TEMPERATURE +196 / +180°C

NOTES:

- FOR GENERAL NOTES AND SYMBOLS SEE DWG NOS. T653010-110-PCS-10.11-20000 TO 20007.
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- SKIN TEMPERATURE SENSORS. TEMPERATURE ELEMENTS LOCATED AT TOP AND BOTTOM (100m SPACING).
- LOCATE AT TOP OF VESSEL IN HORIZONTAL SECTION OF LINE.
- HP KICKBACK LINE TO BE SUPPORTED FOR TWO PHASE (SLUG) FLOW CONDITION.
- HIGH PRESSURE DROP VALVE REQUIRING SPECIAL ANCHOR AND STREAMLINE PIPING.
- ACUSTIC INSULATION NOT REQUIRED.
LINES DOWNSTREAM OF CONTROL VALVE CHECKED.
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- RATIO CONTROLLER (LNG FLOWRATE CALCULATOR)
- LOW FLOW CONTROL VALVE
- VAPOR PRESSURE CALCULATION.
- COMPARISON BETWEEN VAPOR PRESSURE VALUE AND FLOW ACTUAL PRESSURE.
- CONSTANT FOR RATIO CONTROLLER IS INPUT BY OPERATOR (LIMITED ACCESS).
- COMPENSATED FLOWRATE.
- CURRENT SPLITTER AND I.S. BARRIER DEVICES LOCATED IN SIS MARSHALLING CABINET.
- ALARM INITIATED UPON "VALVE NOT CLOSED" CONDITION.
- HIGH LEVEL CONTROL SET POINT IS NOT CHANGEABLE BY OPERATOR.
- PROTECTIVE DEVICE. NO CHANGE ALLOWED TO DEVICE WITHOUT CHECKING PSV CALCULATION.
- XV-11214 & XV-11215 PROVIDED WITH AUTOMATIC PARTIAL STROKE TESTING FACILITY. FOR RELIABILITY AND AVAILABILITY STUDY REFER TO DDC No. T653010-DRT-INS-10.05-10003.
- OPENING COMMAND OF BDV-11211 CAN ONLY BE INITIATED AFTER RECONDENSER SHUTDOWN HAS BEEN INITIATED THROUGH HSS-11211.
- PI11212 VISIBLE FROM MV112145.
- RD INSTALLED ON TOP OF RECONDENSER.
- BAFFLE EXPANDER BY PCV VENDOR.
- ECCENTRIC REDUCER BOTTOM FLAT.
- CALCULATION BLOCK GIVING THE CALCULATED FULL RANGE FLOW. (FT-11210A & FT-11211A FOR LOWER PART, FT-11210B & FT-11211B FOR HIGHER PART).
- FOR FUTURE BDG COMPRESSORS.

△	施工图	2023.12.24	蒋红斌		朱永斌	袁文	
△	竣工图	2024.12.10	蒋红斌		朱永斌	袁文	
△	竣工图	2025.03.12	蒋红斌		朱永斌	袁文	
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广东大鹏液化天然气有限公司 GUANGDONG DAPENG LNG COMPANY LTD.		业主图纸编号 OWNER DWG No.	GDLNG-PM-TJW-00-110-PCS-10.11-20121				
TCC 中国天辰工程有限公司 CHINA TIANCHEN ENGINEERING CORPORATION		承包商名称 CONTRACTOR	中国天辰工程有限公司 和石化工程建设有限公司联合体				
再冷凝器 (V-1101A) BOG RECONDENSER (V-1101A) PIPING AND INSTRUMENTATION DIAGRAM		项目名称 PROJECT	接收站可靠性改造项目 TAN Project				
		设计阶段 DESIGN PHASE	工艺装置 Process Unit				
		图号 DWG NO.	T23008-110-PS07-12				
比例 SCALE	1:00	第 1 张 SHEET	共 1 张 TOT.	图号 DWG NO.	T23008-110-PS07-12		