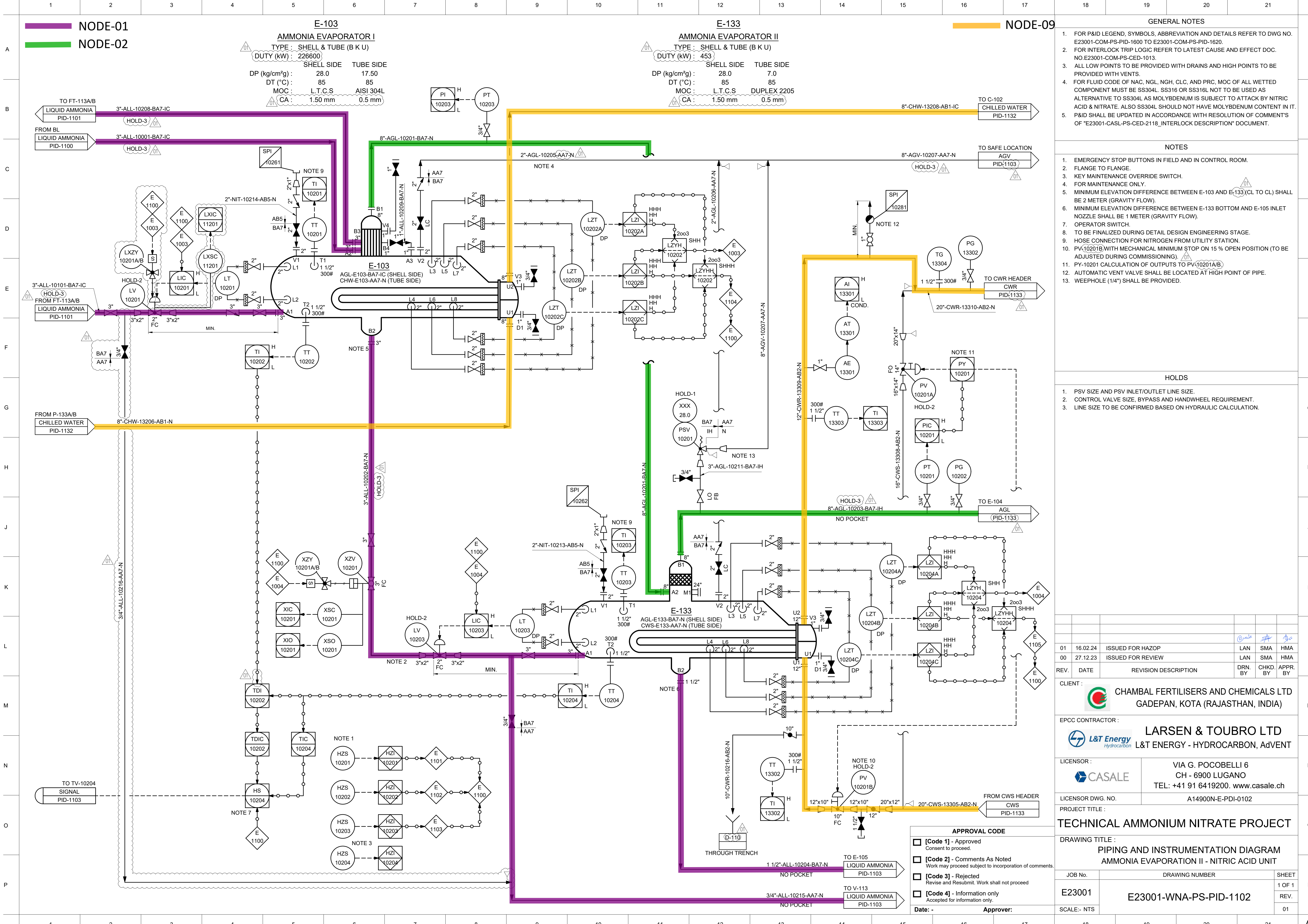


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A1-BDR-00



- GENERAL NOTES**
- FOR P&ID LEGEND, SYMBOLS, ABBREVIATION AND DETAILS REFER TO DWG NO. E23001-COM-PS-PID-1600 TO E23001-COM-PS-PID-1620.
 - FOR INTERLOCK TRIP LOGIC REFER TO LATEST CAUSE AND EFFECT DOC. NO.E23001-COM-PS-CED-1013.
 - ALL LOW POINTS TO BE PROVIDED WITH DRAINS AND HIGH POINTS TO BE PROVIDED WITH VENTS.
 - FOR FLUID CODE OF NAC, NGL, NGH, CLC, AND PRC, MOC OF ALL WETTED COMPONENT MUST BE SS304L. SS316 OR SS316L NOT TO BE USED AS ALTERNATIVE TO SS304L AS MOLYBDENUM IS SUBJECT TO ATTACK BY NITRIC ACID & NITRATE. ALSO SS304L SHOULD NOT HAVE MOLYBDENUM CONTENT IN IT. P&ID SHALL BE UPDATED IN ACCORDANCE WITH RESOLUTION OF COMMENT'S OF "E23001-CASL-PS-CED-2118_INTERLOCK DESCRIPTION" DOCUMENT.


- NOTES**
- EMERGENCY STOP BUTTONS IN FIELD AND IN CONTROL ROOM.
 - FLANGE TO FLANGE.
 - KEY MAINTENANCE OVERRIDE SWITCH.
 - FOR MAINTENANCE ONLY.
 - MINIMUM ELEVATION DIFFERENCE BETWEEN E-103 AND E-133 (CL TO CL) SHALL BE 2 METER (GRAVITY FLOW).
 - MINIMUM ELEVATION DIFFERENCE BETWEEN E-133 BOTTOM AND E-105 INLET NOZZLE SHALL BE 1 METER (GRAVITY FLOW).
 - OPERATOR SWITCH.
 - TO BE FINALIZED DURING DETAIL DESIGN ENGINEERING STAGE.
 - HOSE CONNECTION FOR NITROGEN FROM UTILITY STATION.
 - PV-10201B WITH MECHANICAL MINIMUM STOP ON 15 % OPEN POSITION (TO BE ADJUSTED DURING COMMISSIONING).
 - PY-10201 CALCULATION OF OUTPUTS TO PV-10201A/B.
 - AUTOMATIC VENT VALVE SHALL BE LOCATED AT HIGH POINT OF PIPE.
 - WEEPHOLE (1/4") SHALL BE PROVIDED.

- HOLDS**
- PSV SIZE AND PSV INLET/OUTLET LINE SIZE.
 - CONTROL VALVE SIZE, BYPASS AND HANDWHEEL REQUIREMENT.
 - LINE SIZE TO BE CONFIRMED BASED ON HYDRAULIC CALCULATION.

REV.	DATE	REVISION DESCRIPTION	DRN. BY	CHKD. BY	APPR. BY
01	16.02.24	ISSUED FOR HAZOP	LAN	SMA	HMA
00	27.12.23	ISSUED FOR REVIEW	LAN	SMA	HMA

CLIENT :  **CHAMBAL FERTILISERS AND CHEMICALS LTD**
GADEPAN, KOTA (RAJASTHAN, INDIA)

EPCC CONTRACTOR :  **LARSEN & TOUBRO LTD**
L&T ENERGY - HYDROCARBON, AdVENT

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TEL: +41 91 6419200. www.casale.ch

LICENSOR DWG. NO. A14900N-E-PDI-0102

PROJECT TITLE : **TECHNICAL AMMONIUM NITRATE PROJECT**

DRAWING TITLE : **PIPING AND INSTRUMENTATION DIAGRAM
AMMONIA EVAPORATION II - NITRIC ACID UNIT**

JOB No.	DRAWING NUMBER	SHEET
E23001	E23001-WNA-PS-PID-1102	1 OF 1
SCALE:- NTS		REV.
		01

- APPROVAL CODE**
- ☐ [Code 1] - Approved
Consent to proceed.
 - ☐ [Code 2] - Comments As Noted
Work may proceed subject to incorporation of comments.
 - ☐ [Code 3] - Rejected
Revise and Resubmit. Work shall not proceed
 - ☐ [Code 4] - Information only
Accepted for information only.
- Date: - Approver: