

APPROVED
By Ismail at 9:49 am, Dec 17, 2014

LEGEND
PLC BASED INSTRUMENT LOCAL, PANEL MOUNTED INSTRUMENT
LOCAL, DIRECT MOUNTED INSTRUMENT REMOTE MOUNTED INSTRUMENT
CCR: CENTRAL CONTROL ROOM
MCC: MOTOR CONTROL CENTRE

PROCESS EQUIPMENT TRIP FUNCTION

LINE CLASSES

3E :ANSI 300# RATED SYSTEM, A333 Gr.6 LTCS MIN. TEMP. -50°C
1A3 :ANSI 150# RATED SYSTEM, A312 Gr.304 STAINLESS STEEL, MIN. TEMP. -104°C
3A3 :ANSI 300# RATED SYSTEM, A312 Gr.304 STAINLESS STEEL, MIN. TEMP. -104°C

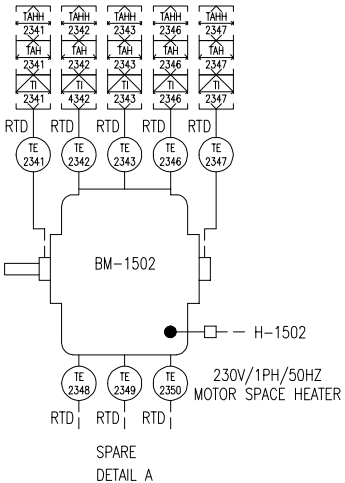
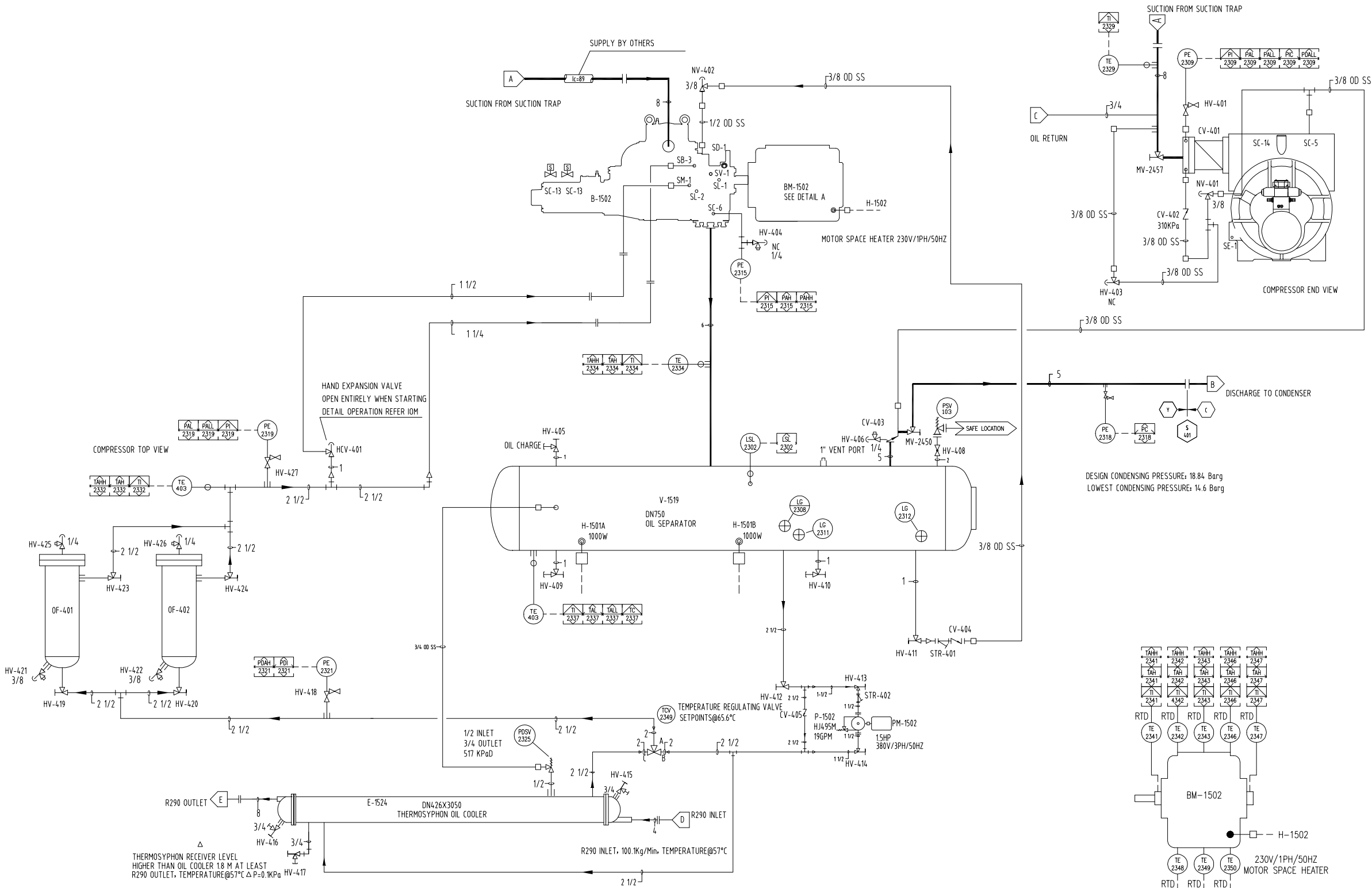
GENERAL NOTES

VENTS / TESTING DRAINS TO BE PLACED IN APPROPRIATE POSITIONS BY OTHERS.
I/P'S AND REMOTE OPEN/CLOSE FACILITIES PROVIDED FOR ALL CONTROL VALVES
RUNNING AND FAULT INDICATION PROVIDED FOR ALL MOTORS
ALL PSV AND TSV OUTLETS TO CONNECT INTO TOP OF HEADER

NOTES

1. PACKAGE SUPPLIED BY YORK REFRIGERATION

INDICATES CUSTOMER SCOPE OF SUPPLY, EVTL
INDICATES VENDOR SCOPE OF SUPPLY, YORK



05	05/09/09	AS BUILT	SZH	BIK	-
04		AS BUILT (CR-088)	JS		
03	12/09/08	PE-2316 WAS PE-408 AND ARROW ADDED (CR-089)	JS	JM	MH
02	08/08/08	EVTL VENDOR DATA ADDED (CR-084)	LE	LUC	AGS
01	25/07/08	TAG Nos. REVISED (CR-082)	JH	JM	JGC
00	04/07/08	FIRST ISSUE	JS	LUC	AGS
REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPR.

CLIENT
ENGRO VOPAK TERMINAL LIMITED

PROJECT
**ETHYLENE STORAGE AND HANDLING FACILITY
KARACHI, PAKISTAN**

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TITLE
**P&I Diagram
REFRIGERATION UNIT**

DRAWING No.	REV.	NEXT SHEET	SCALE	SIZE
07006-PD-10-002-04	05	-	NTS	A1

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