HLWYM PEmails

From: Everett, Vincent
Sent: Thursday, April 16, 2009 8:58 AM
To: Bell, Paul
Cc: Spitzberg, Blair; Garcia-Santos, Norma
Subject: P&ID Examples from Holtec
Attachments: YM LA Fig 1.2.3-40.pdf; Holtec 72-1014 FSAR Rev 7 (08_09_08).pdf

Paul,

I attached a P&ID from the YMLA and several from the Holtec cask SAR so you can compare the level of detail between the two.

Hearing Identifier: HLW_YM_Public_EX
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Mail Envelope Properties (CA7A6E1C5CB1204FA832458074C4571BC42CD6BB6E)

Subject: P&ID Examples from Holtec
Sent Date: 4/16/2009 8:57:38 AM
Received Date: 4/16/2009 8:57:43 AM
From: Everett, Vincent

Created By: Vincent.Everett@nrc.gov

Recipients:
"Spitzberg, Blair" <Blair.Spitzberg@nrc.gov>
Tracking Status: None
"Garcia-Santos, Norma" <Norma.Garcia-Santos@nrc.gov>
Tracking Status: None
"Bell, Paul" <Paul.Bell@nrc.gov>
Tracking Status: None

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Files	**Size**	**Date & Time**
MESSAGE	140	4/16/2009 8:57:43 AM
YM LA Fig 1.2.3-40.pdf	904350	
Holtec 72-1014 FSAR Rev 7 (08_09_08).pdf	312714	

Options
Priority: Standard
Return Notification: No
Reply Requested: No
Sensitivity: Normal
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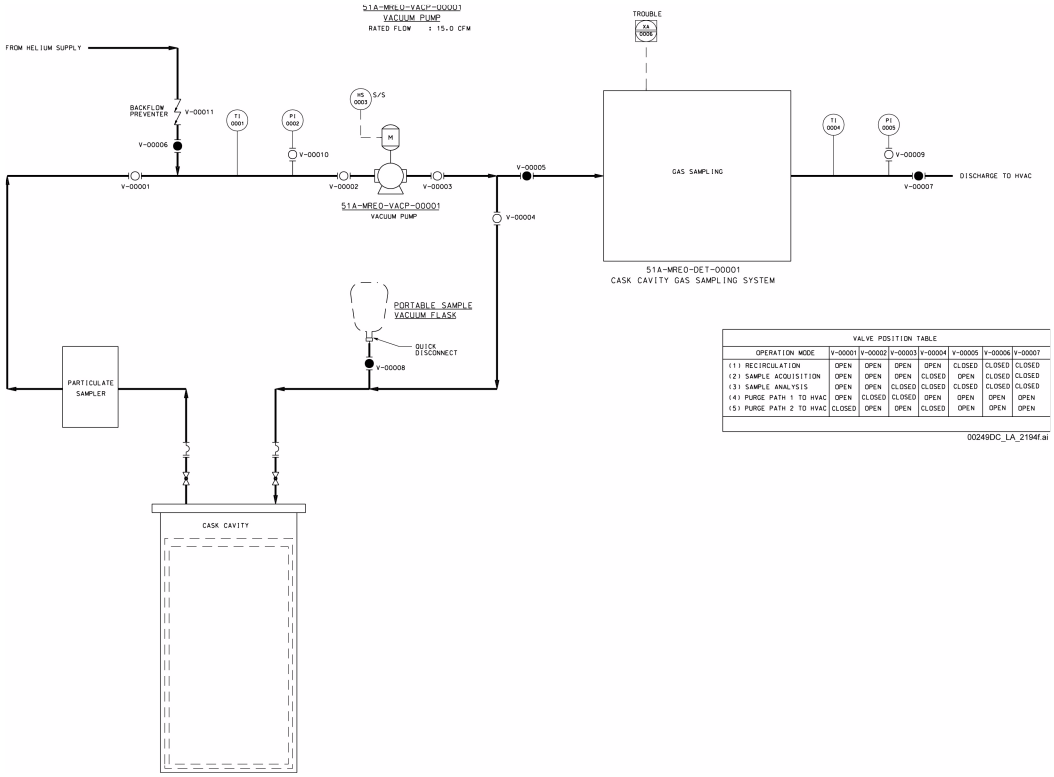

VALVE POSITION TABLE							
OPERATION MODE	V-00001	V-00002	V-00003	V-00004	V-00005	V-00006	V-00007
(1) RECIRCULATION	OPEN	OPEN	OPEN	OPEN	CLOSED	CLOSED	CLOSED
(2) SAMPLE ACQUISITION	OPEN	OPEN	OPEN	CLOSED	OPEN	CLOSED	CLOSED
(3) SAMPLE ANALYSIS	OPEN	OPEN	CLOSED	CLOSED	CLOSED	CLOSED	CLOSED
(4) PURGE PATH 1 TO HVAC	OPEN	CLOSED	CLOSED	OPEN	OPEN	OPEN	OPEN
(5) PURGE PATH 2 TO HVAC	CLOSED	OPEN	OPEN	CLOSED	OPEN	OPEN	OPEN

NOTE: This figure includes no SSCs that are either ITS or ITWI. Naval casks come with one connection. Valves that are not included in the valve position table maintain the position as indicated in the figure.

Figure 1.2.3-40. Cask Cavity Gas Sampling Piping and Instrumentation Diagram

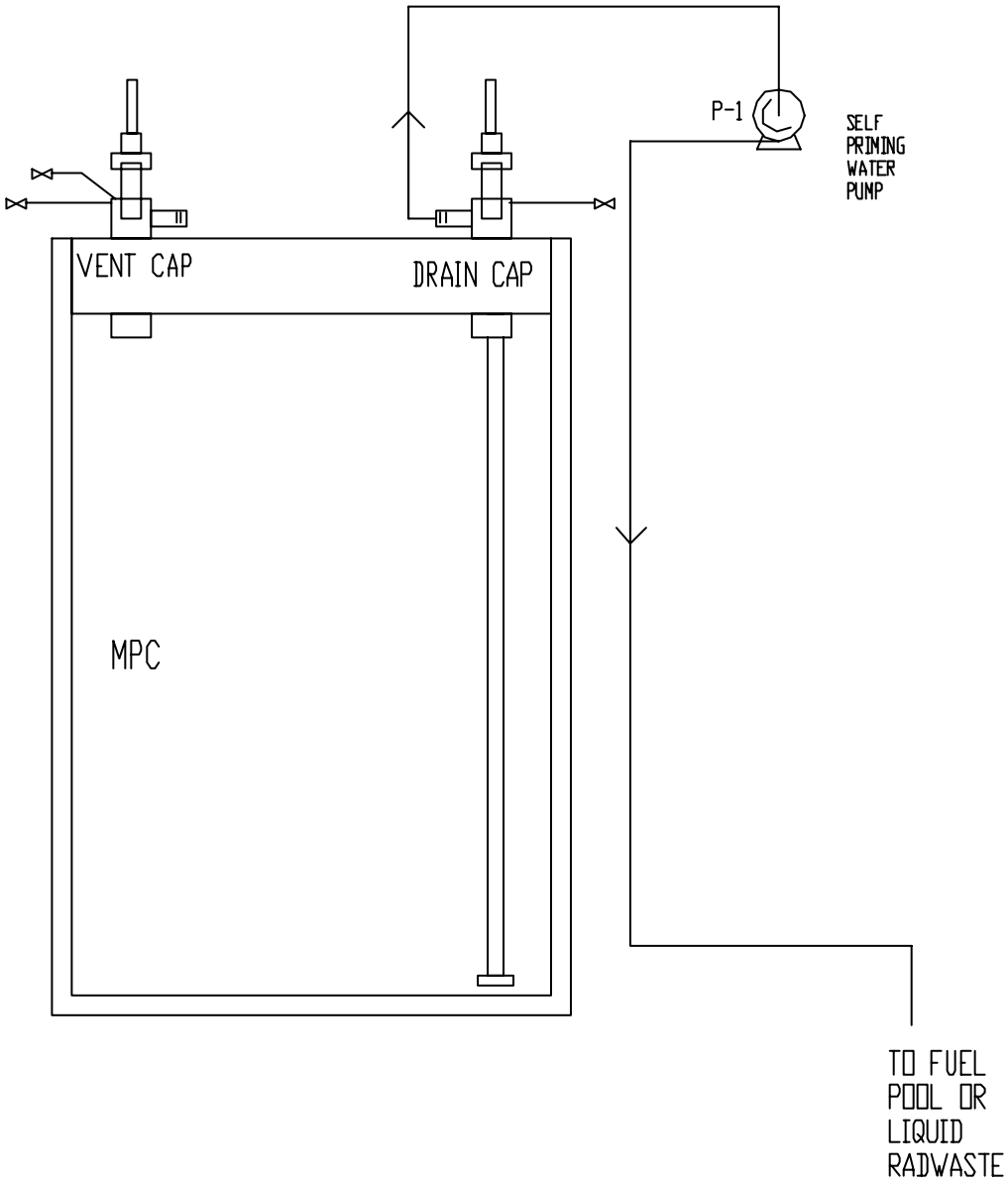

Figure 8.1.19; MPC Water Pump-Down for MPC Lid Welding Operations, Example P&I D

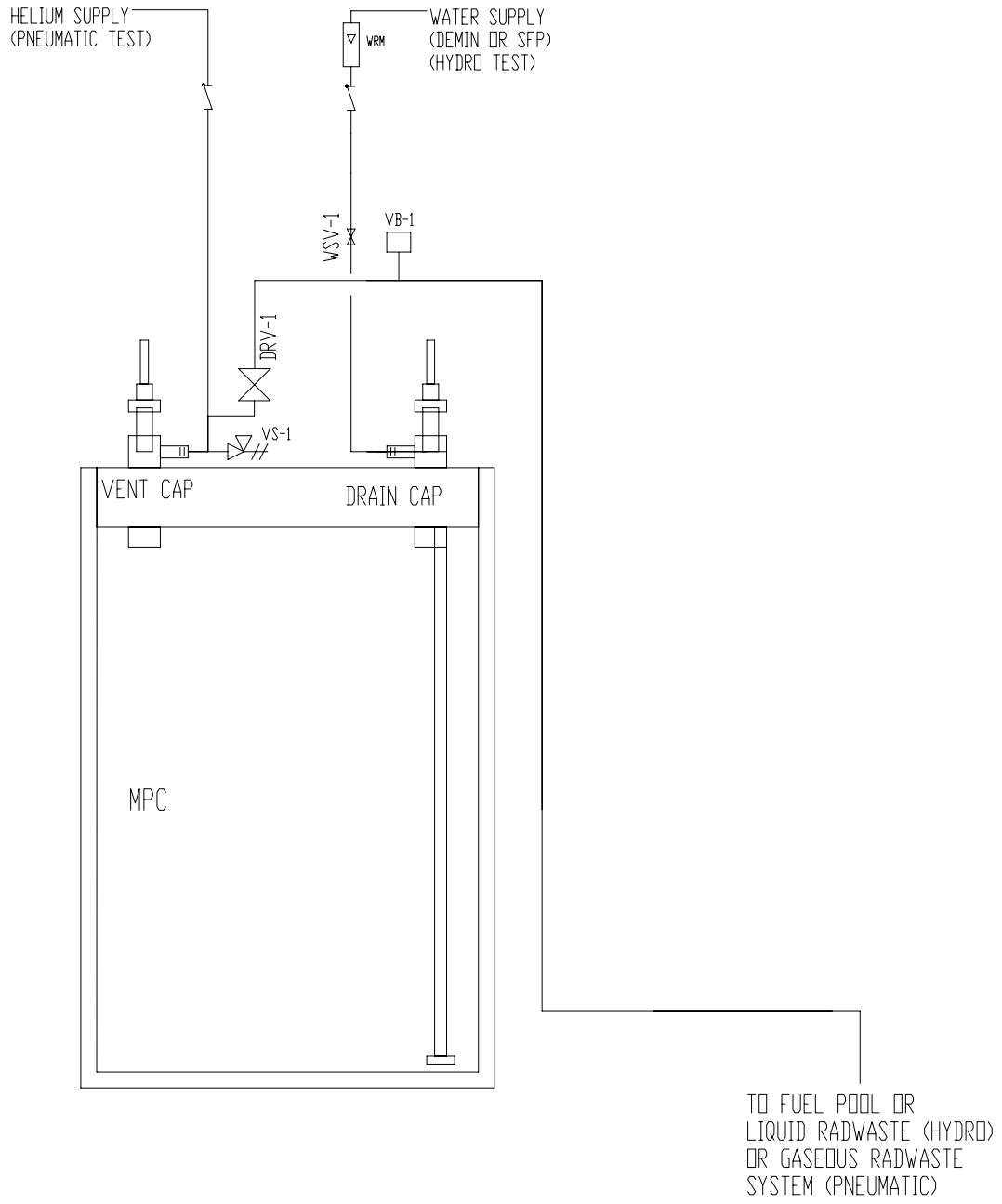

Figure 8.1.20; MPC Lid-to-Shell Pressure Testing, Example P&I D

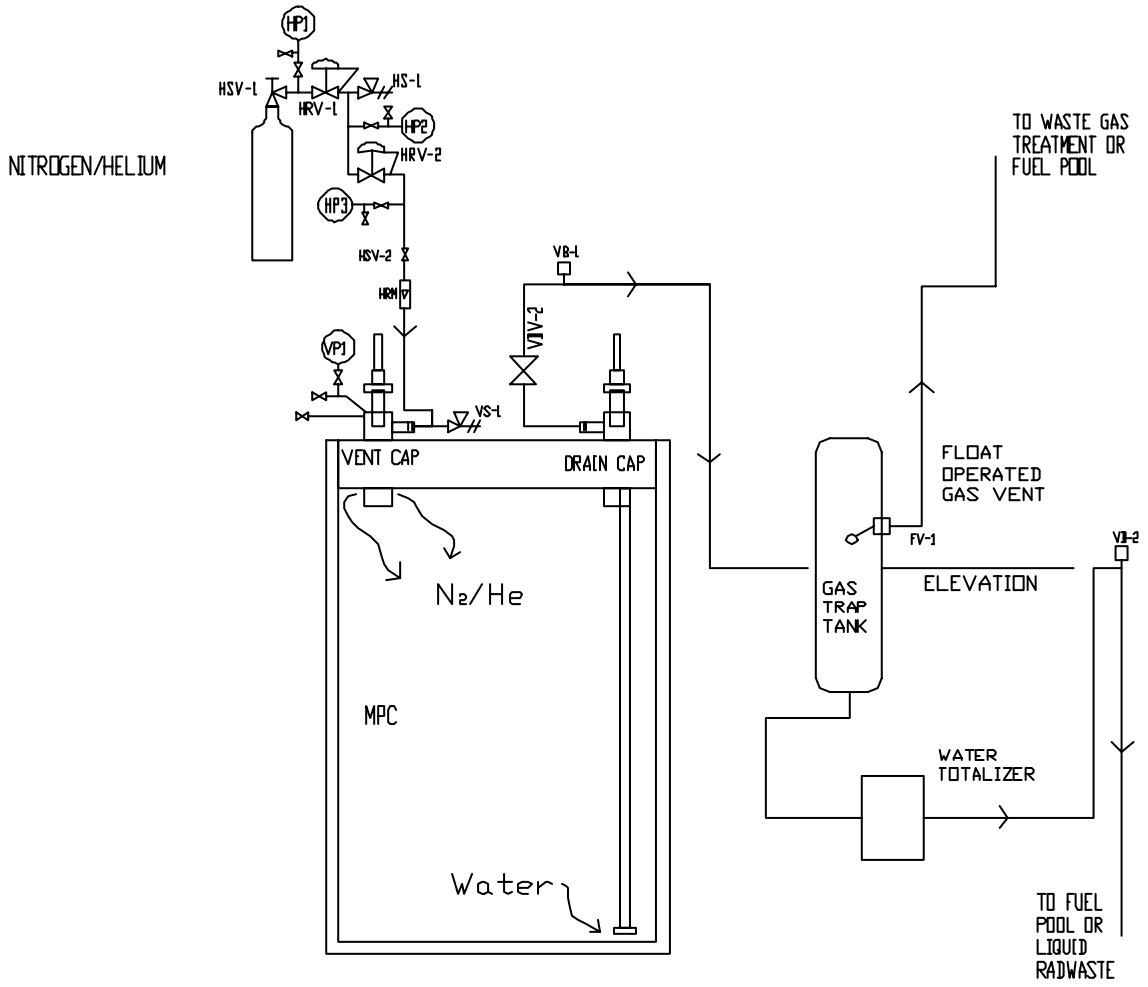

Figure 8.1.21; MPC Blowdown, Example P&I D

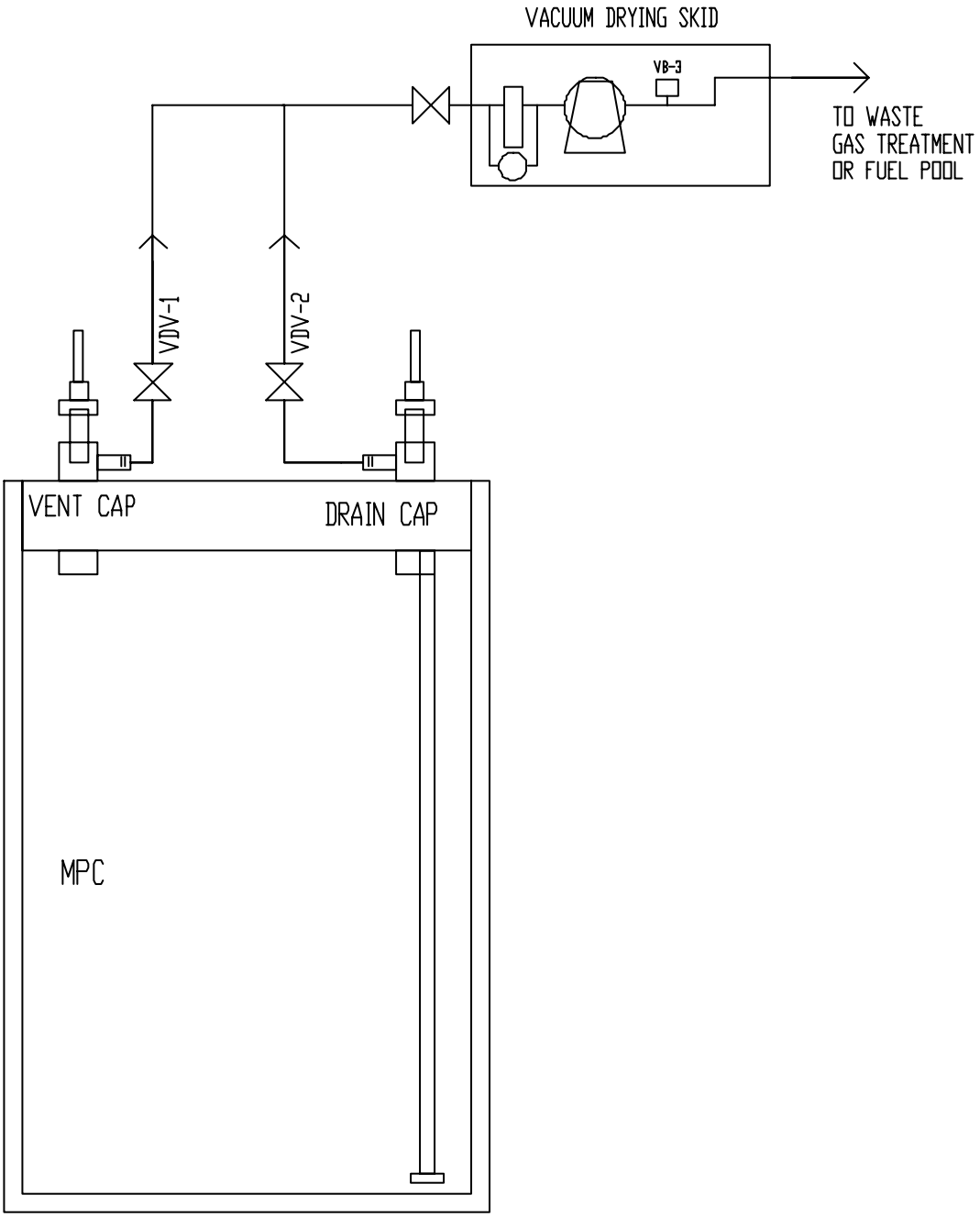

Figure 8.1.22a; Vacuum Drying System, Example P&I D

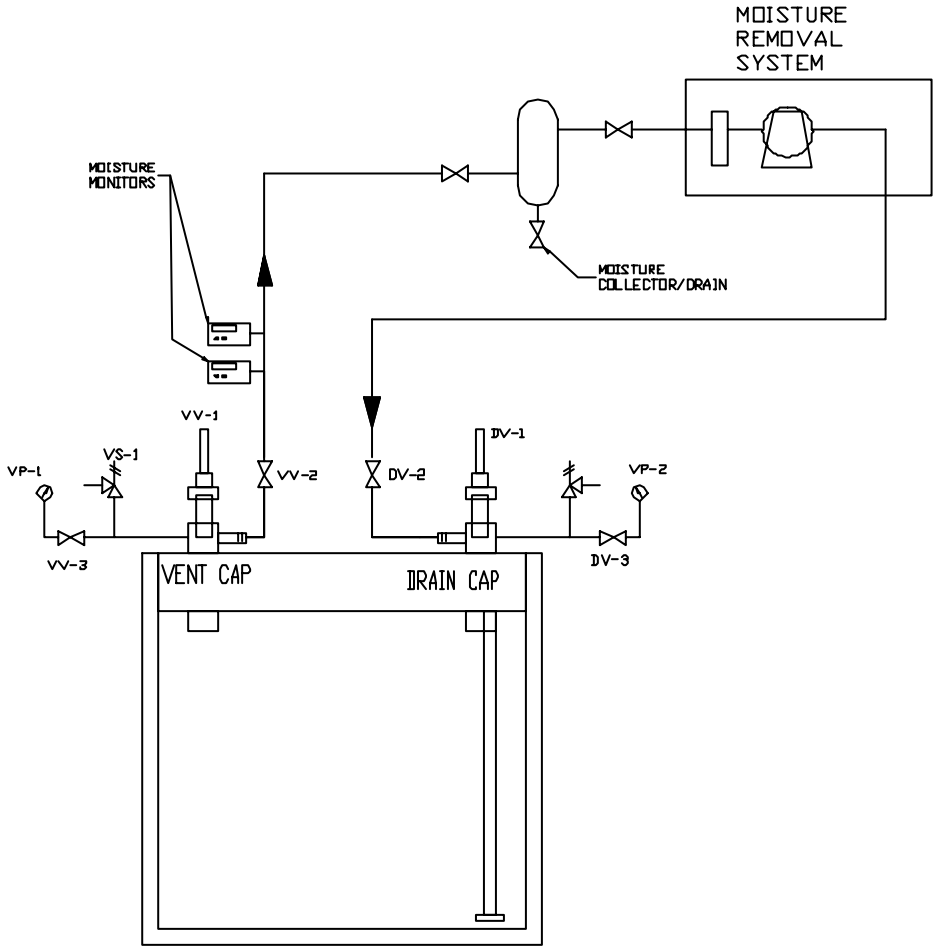

Figure 8.1.22b; forced Helium Dehydration System, Example P&I D

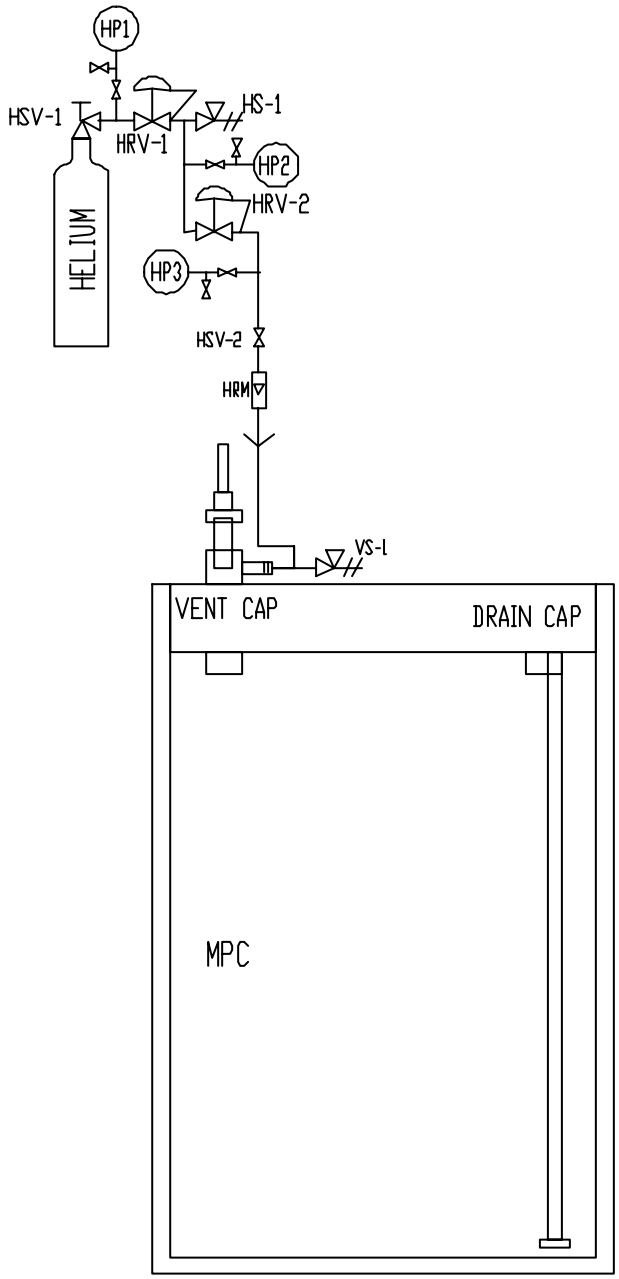

Figure 8.1.23; Helium Backfill System, Example P&I D