Commissioning SR#: _____

Site Information

Site Name/Number:	Street:
Phone Number:	City/State/Zip:
POS:	Software and Service Pack Version:

Instructions [Form to be completed by a trained commissioner [Authorized Service Contractor (ASC)]]:

- Provide a copy of this form and the Installation Form A to the site representative and maintain the original copies for three years.
  - o Log the SR# at the top right of form; photograph the form and attach to the web commissioning; do not mail to Gilbarco®.
- Verify that the units have been inspected for proper installation and operation.
  - o Verify that the unit has been inspected per *MDE-4226 Encore/Eclipse™ Installation Checklist (Form A)*.
  - o Calibration and/or VaporVac® performance testing may be done by the installer.
  - o Installer must completely follow *MDE-3985 Encore Installation Manual* to ensure that the site requirements are met.
  - o Failure to complete this entire form may delay commissioning completion and may affect warranty; ASC is responsible for any installation or startup deficiencies not documented on this checklist.

Installer (if different from commissioner): _____

Model/Serial Numbers

Fueling Positions	Model Number	Serial Number	Software Versions			
			Pump Node	Door Node	Omnia	FlexPay™

Door node information is applicable only for Encore 500 and 700 S units.

Blend Ratio Programming

ONLY REQUIRED IF SPECIFIED BY THE CUSTOMER. *Complete for blenders only. Customer representative must sign.*			
Grade Name	Low Product Name	High Product Name	% of Low Product Name

Customer representative's signature indicates blend ratios listed are same as those provided to the ASC.

Customer Representative: _____

Blend ratio verified utilizing electronic totalizers

Blend Ratio Programming Worksheet

Instruction	Step 1- Write desired products per grade button	Step 2- Fill in tank product by inlet position. Step 3- Fill in blend percentages required to obtain desired delivered product. Brand owners must provide the values to enter.			Step 4- Fill in CC 98 values from CC 98 table (1-6).	Step 5- Fill in below, unit entry values (first% from chosen table CC98 setting). Step 6- Enter CC98 values for all grades into unit, and then enter CC72 values.
Button Grade	Desired Delivered Product	NF0 - CC 90= 64 Inlet Product Percents			CC 98 settings (there are multiple ways to program)	CC 72 Value to enter into unit
		$\overline{W}$	$\overline{X}$	$\overline{Y}$		
1						
2						
3						
4						
5						
6	Diesel					

Model Type	Value of CC90	Inlet Products to be Blended		
		Command Code 98 Value	Inlet Product 1 Position	Inlet Product 2 Position
NF0	64	1	1 (W)	2 (X)
NF1	65	2	1 (W)	3 (Y)
NF2 and NF4	66	3	2 (X)	3 (Y)
NF6	67	4	1 (W)	4 (Z)
NF7	68	5	2 (X)	4 (Z)
NF8	69	6	3 (Y)	4 (Z)

Individual Unit Inspections

Item	Procedure	Check if OK/Complete
1	All piping is secured to lower piping brace.	
2	Units without factory-installed or factory kit Junction boxes (J-boxes) only: Conduits into electronic cabinet are potted and no unfilled openings exist between the electronics cabinet and the piping area. Units with J-box have J-box covers and bolts installed.	
3	Minimum wire gauges meet Gilbarco field wiring diagram specifications.	
4	All wiring is stranded, gas and oil resistant, and Ethernet® and Digital Subscriber Line (DSL) cables meet requirements per *MDE-3985 Encore Installation Manual*. Unshielded twisted-pair wiring is used for two-wire data lines for stations with new wiring.	
5	Backlights, brand panel lights, etc. are all functional. Push-to-Start and Push-to-Stop buttons are functional. Price per Units (PPUs) set by the Point of Sale (POS) match brand panels. PPU for the grade in operations is not blanked when the handle is raised.	
6	No leaks in hydraulic assembly, hose outlets, and hanging hardware. Flow rates do not exceed regulations/codes. Meter calibration is verified. VaporVac passes Air/Liquid (A/L) tests. Pulser shipping tie-wraps have been removed.	
7	Automatic Temperature Compensation (ATC)-equipped units only: Code 303 verifies that each meter temperature is measured.	
8	Check software versions and record versions above. If not latest production released versions, install (download from laptop/PC). All CRIND peripherals pass diagnostic testing and Cash Acceptor door switches activate alarm.	
9	Pump/dispenser handles and grade select buttons activate the correct Submersible Turbine Pump (STP).	
10	Model NJ5/NJ6 only all E85 inlets must connect to the Y position (third inlet from the right when facing the side A).	
11	Confirm EMV is processing outside.	Yes / No / NA
12	Confirm all card readers are online.	Yes / No / NA
13	Confirm Credit works at the FlexPay.	Yes / No / NA
14	Confirm Debit works at the FlexPay.	Yes / No / NA
15	Confirm Contactless works at the FlexPay.	Yes / No / NA
16	Confirm all Loyalty works at the FlexPay.	Yes / No / NA
17	Confirm Carwash code is provided.	Yes / No / NA
18	Confirm Media is working.	Yes / No / NA
19	Confirm ADA Card reader is working.	Yes / No / NA
20	Confirm FlexPay 6 units are connected to the Invenco Cloud.	Yes / No / NA
21	Confirm scanner is working.	Yes / No / NA

Station Requirements (including training for station manager/supervisor)

Item	Procedure	Check if OK/Complete
1	All dispenser/pump wiring is properly spaced and isolated from wiring to electrically noisy devices per *MDE-3802 Encore and Eclipse Site Preparation Manual*.	
2	Breakers marked with dispenser ID numbers.	
3	A copy of the unit warranty statement and the policy has been reviewed with and given to the site owner/manager.	
4	Dispenser emergency shutdown procedures are discussed per *MDE-3893 Encore and Eclipse Series Owner's Manual*.	

Item	Procedure	Check if OK/Complete
5	Reviewed by owner/manager for retrieving and reconciling pump totals using manager keypad.	
6	Reviewed by owner/manager for price setting procedures using POS and manager keypad.	
7	Reviewed by owner/manager for when and how to switch dispensers to standalone operation.	
8	Reviewed by owner/manager for Encore 500/500 S/700 S security procedures for station approval of programming access by service technicians.	
9	Advised owner/manager that non-default PIN (access) codes are to be installed as part of commissioning to enhance security after explaining benefits and that lost-code additional service labor will not be covered by warranty. If station refuses to allow non-default PIN codes to be used, do not modify the codes and do not check box to the right (will not invalidate warranty).	
10	CRIND device only: Provided Universal Serial Bus (USB) Printer Maintenance Cards to manager.	
11	CRIND device only: Reviewed by owner/manager/cashiers and applicable maintenance personnel for paper jam removal procedures, specific paper requirements, and how to order and replace CRIND paper.	
12	Station owner/manager was given an Owner's Manual *(MDE-3893 Encore and Eclipse Series Owner's Manual)* and received explanation in the manual.	
13	Station owner/manager was given an Owner's Programming Manual *(MDE-4732 Encore and Eclipse Series Owner's Programming Manual)*, received explanation in the manual, and was advised on keeping programming information secure.	
14	Station owner/manager received information about non-compliance that can affect warranty or station safety when all forms were not completed or problems were discovered.	
15	Unit is programmed to station requirements. Proper communication with the POS is established.	

Authorized Site Representative Information (Site representative must check one of the following and sign)

I have been advised that all dispensers have been inspected per the checklists and no problems were found that requires correction.

I have been advised that either some equipment inspections have not been completed or problems requiring correction were found during inspections. Should the equipment not have been properly installed, it may be subject to one or more of the following problems: functions improperly, fails prematurely, creates a safety hazard, and is not covered by warranty.

I have further been given information regarding inspections or corrections required. I have also been advised on how to correct these situations and provide results to the commissioning ASC to ensure warranty coverage. If there is a safety infraction, fill in the details on another sheet and get it signed by the owner.

Site Representative Name (print):	Signature:	Date:
Commissioning ASC Name and Tech ID (print):	Signature:	Date:
Start-up Technician Name and Tech ID (print):	Signature:	Date:

Note: This is a two-part form. The top (original) copy is maintained by the ASC; the bottom copy is provided by the ASC to the station owner.

Site has received dispenser keys.

The Gilbarco Encore FlexPay is a Payment Card Industry PIN Entry Device (PCI-PED) payment device. As a result, the equipment owner is responsible for regular inspection of the device for signs of tampering or replacement and tracking of all events in the life cycle of the device, including: installation, maintenance events, audit events, inspection events, removal from site, and decommission.

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