Fuel Dispenser Numbering Guide Ver 1.5

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[Hyperlink] Fuel Dispenser Numbering Guide
## Document History

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Introduction

The National Measurement Institute (NMI) uses data provided by Servicing Licensees and Inspectors to maintain a data base of instruments used for trade. This data is used by the NMI for reporting, identifying instrument performance trends and planning inspection activities.

To maintain an accurate and reliable measuring instrument data base, there needs to be consistency in the recording of measuring instrument serial numbers by verifiers and inspectors. While fuel and LPG dispensers can include a single or multiple delivery hose for inspection purposes each delivery hose is considered to be a separate measuring instrument.

The NMI requests all personnel inspecting or verifying a fuel or LPG dispenser record the serial number according to the manufacturers numbering system detailed in this document.

As new fuel dispenser models enter the market place, NMI will contact the manufacturers with the aim of continually updating this guide. If users of this guide believe there is a need to clarify the identification of serial numbers for fuel and LPG dispensers, please contact the NMI.

The NMI thanks the fuel and LPG dispenser manufacturers for providing the information in this guide.

Identification Rules

Each delivery hose in a fuel dispenser is considered to be a separate fuel dispenser (measuring instrument) for the purposes of verification and recording in the Trade Measurement data base which shall be identified with a unique serial number. Where possible the serial number will align with manufacturer protocols as detailed in this document. For fuel dispensers approved prior to 1 January 2000 which are not specifically mentioned in this document, the serial number shall be defined using the following rules.

Rule 1

Fuel dispensers with a single hose, the instrument serial number will be the measuring instrument serial number.

Rule 2

Fuel dispensers with two hoses, where it is significantly obvious with the hoses in the hang up positions that one hose is closest to the data plate, the lowest serial number will be allocated to that hose (measuring instrument). Where the serial number is a single number a suffix A and B shall differentiate the hoses (measuring instruments).

Examples

1. 12345/46 on data plate - 12345 is for the hose closest to data plate when in the hang up position.
2. 1720 on data plate - 1720A is for the hose closest to data plate and 1720B is for the hose furthest from the data plate when in the hang up positions.

Rule 3

Fuel dispensers not covered by rules 1 or 2, when looking directly (face on) at the data plate, the hose in its hang up position closest to the person when they move in a clockwise direction around the dispenser shall be the lowest serial number.
Manufacturer Protocols

NMI 5/6A/84
Gilbarco Australia Pty Ltd
High Profile MPP/MPD

Where the serial number on the data plate is 12345/48, the hose numbers 12345, 12346, 12347, 12348 are shown below.
Where the serial number on the data plate is 12345/50, the hose numbers 12345, 12346, 12347, 12348, 12349, 12350 are shown below.
Where the serial number on the data plate is 12345/48, the hose numbers 12345, 12346, 12347, 12348, are shown below.
NMI 5/6A/84
Gilbarco Australia Pty Ltd
Low Profile MPP/MPD
Where the serial number on the data plate is 12345/50, the hose numbers 12345, 12346, 12347, 12348, 12349, 12350 are shown below.
NMI 5/6A/84

Gilbarco Australia Pty Ltd
Low Profile MPP/MPD

Where the serial number on the data plate is 12345/46, the hose numbers 12345 and 12346 are shown below.
NMI 5/6A/84
Gilbarco Australia Pty Ltd
Low Profile MPP/MPD
Where the serial number on the data plate is 12345/48, the hose numbers 12345, 12346, 12347 and 12348 are shown below
Where the serial number on the data plate is 12345/50, the hose numbers 12345, 12346, 12347, 12348, 12349, 12350 are shown below.
Where the serial number on the data plate is 12345/50, the hose numbers 12345, 12346, 12347, 12348, 12349, 12350 are shown below.
Gilbarco Australia Pty Ltd

Where the serial number on the data plate is 12345/52, the hose numbers 12345, 12346, 12347, 12348, 12349, 12350, 12351, 12352 are shown below.
NMI 5/6A/84A
Gilbarco Australia Pty Ltd
High Profile MPP/MPD

Where the serial number on the data plate is 12345/48, the hose numbers 12345, 12346, 12347, 12348 are shown below
NMI 5/6A/84A
Gilbarco Australia Pty Ltd
High Profile MPP/MPD
Where the serial number on the data plate is 12345/50, the hose numbers 12345, 12346, 12347, 12348, 12349, 12350 are shown below
NMI 5/6A/84A
Gilbarco Australia Pty Ltd
Low Profile MPP/MPD
Where the serial number on the data plate is 12345/48, the hose numbers 12345, 12346, 12347, 12348, are shown below
NMI 5/6A/84A
Gilbarco Australia Pty Ltd
Low Profile MPP/MPD
Where the serial number on the data plate is 12345/50, the hose numbers 12345, 12346, 12347, 12348, 12349, 12350 are shown below
NMI 5/6A/84A

Gilbarco Australia Pty Ltd

Low Profile MPP/MPD

Where the serial number on the data plate is 12345/46, the hose numbers 12345 and 12346 are shown below.
Gilbarco Australia Pty Ltd
Low Profile MPP/MPD

Where the serial number on the data plate is 12345/48, the hose numbers 12345, 12346, 12347 and 12348 are shown below.
NMI 5/6A/84A
Gilbarco Australia Pty Ltd
2 Column LMPP/LLMPD
Where the serial number on the data plate is 12345/50, the hose numbers 12345, 12346, 12347, 12348, 12349, 12350 are shown below
NMI 5/6A/84A
Gilbarco Australia Pty Ltd
2 Column LMPP/LLMPD

Where the serial number on the data plate is 12345/50, the hose numbers 12345, 12346, 12347, 12348, 12349, 12350 are shown below
Email Petroleum Systems

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/85
Email Petroleum Systems
MPP4

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/85

Email Petroleum Systems

MPP6 Short

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1.
NMI 5/6A/85
Email Petroleum Systems
MPP8
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/85A
Email Petroleum Systems
MPP4
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/85A

Email Petroleum Systems

MPP6 Long

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1.
Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884AF
NMI 5/6A/86
PEC/Production Engineering
Model: CEEPEC 1000

Where the serial number on the data plate is 921246, hose AF becomes serial number 921246AF.
Where the serial number on the data plate is 39884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 39884A1
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1.
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/90
Compac Industries Pty Ltd
Hiline – MHP4A
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/90

Compac Industries Pty Ltd
Hiline – MHQD4
Hiline – MHQD4A
Hiline – MHQP4
Hiline – MHQP4A

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/90
Compac Industries Pty Ltd
Hiline – MHD6A
Hiline – MHP6A
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/90
Compac Industries Pty Ltd
MHD4A
MHP4A
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1.
NMI 5/6A/91
Compac Industries Pty Ltd
Loline – MHD6
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/91
Compac Industries Pty Ltd
Hiline – MHD6
Hiline – MHP6
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/91
Compac Industries Pty Ltd
E- MHD4A
E – MHP4A

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/91
Compac Industries Pty Ltd
E- MHD6A
E – MHP6A
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/91
Compac Industries Pty Ltd
Hiline - MHD6
Hiline – MHP6
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/92A
PEC/Production Engineering
Model: 1401P

Where the serial number on the data plate is 921246, hose AF becomes serial number 921246AF
Where the serial number on the data plate is VPN123, hose A1 will have the serial number VPN123A1.
Where the serial number on the data plate is MPD071, hose A1 will have the serial number VPN123A1
Where the serial number on the data plate is MPD071, hose A1 will have the serial number VPN123A1.
NMI 5/6A/97A
Fuelquip Pty Ltd
VNP2PD-K-E
Where the serial number on the data plate is MPD071, hose A1 will have the serial number VPN123A1
Model T18XYZ - X can be 5, 6 or 7; Y can be P or D; Z can be 1 to 8

Where the serial number on the data plate is 7000000, hose A becomes 7000000A
Where the serial number on the data plate is 12345, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 123456A
Where the serial number on the data plate is 12345, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 123456A
Where the serial number on the data plate is 39884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 39884A1
NMI 5/6A/208 (with hoses on the column)
PEC/Production Engineering

Model 9000 and H9000 with hoses on the hose column.

Where the serial number on the data plate is 39884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 39884A1.

The suffix to the serial number (e.g. A1) is based on the number of hoses the driveway flowmeter has. If the example below only had 3 hoses on each side the numbering would be A1, A2, A3 and B1, B2 B3, with A3 and B3 being the hoses on the column.
Laser Frame

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1.
NMI 5/6A/209

Compac Industries Pty Ltd
Laser Frame

Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1
NMI 5/6A/212
Gilbarco Australia Pty Ltd
Lowline MK3

Where the serial number on the data plate is 12345, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 123456A
Wayne Dresser

Model: Global Star

Where the serial number on the data plate is 39884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 39884L1
NMI 5/6A/219
Wayne Dresser
Model: Global Star

Where the serial number on the data plate is 39884, the hose closest to the data plate is hose A and the hose furthest from the data plate is hose B. Where the housing serial number is 39884, HOSE A is serial number 39884A and hose B is serial number 39884B.
Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884A2
The numbering guide is on the J Box inside the metering cabinet on the same side as the data plate. The allocated suffix for a hose is as per the numbering guide, for example a 4 hose dispenser is numbered 12345A, 12345B, 12345E and 12345F.
The numbering guide is on the J Box inside the metering cabinet. The allocated suffix for a hose is as per the numbering guide, for example an 8 hose dispenser is numbered 12345A, 12345B, 12345C, 12345D, 12345E and 12345F, 12345G, 12345H.
NMI 5/6A/229 – C Series
Gallagher Fuel Systems Ltd

Pulse Model C Series

To determine the front of the dispenser, stand in front of the dispenser and if the lock on the indicator panel (as indicated below) is on your left you are looking at the front of the dispenser.

Where the serial number on the data plate is 939884, hose letters and letters to indicate front or back (F and B) are added to the instrument serial number for individual hose serial numbers e.g. 939884AF, 939884AB, 939884BF, 939884BB, 939884CF, 939884CB etc.
NMI 5/6A/229 – L Series
Gallagher Fuel Systems Ltd

Pulse Model L Series

Standing looking at the dispenser with the hose column to your right is the FRONT of the dispenser.

Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884F1.
NMI 5/6A/231
Sanki
Model: Various

Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884R1
Where the serial number on the data plate is 939884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 939884R1
NMI 5/6A/232
Wayne
Model: Various
Where the serial number on the data plate is 939884, the side identification (A or B) and hose number are added to the instrument serial number for individual hose serial numbers e.g. 939884A1, 939884B2

A and B side is recognized by removing one of the doors from the hydraulic cabinet and look at the sheet metal support for pumping units (suction-dispersers) or meters (remote-dispersers). There is the letter A or B punched in to the sheet metal as can be seen in the pictures below.

**FIGURE 5/6A/232 – 6**

Shape and Orientation of Wayne Helix Fuel Dispensers Variant 1 (refer Table 1)
NMI 5/6A/235 - pending advice from manufacturer for serial number details.

Zhejiang

Model: Knight Series

Where the serial number on the data plate is XXXXXXX, hose letters are added to the instrument serial number for individual hose serial numbers e.g. XXXXXXX
Where the serial number on the data plate is 39884, hose letters are added to the instrument serial number for individual hose serial numbers e.g. 39884A1
Where the serial number on the data plate is 1234, hose A will have the serial number 1234A.
Where the serial number on the data plate is 1234, hose A will have the serial number 1234A.
Where the serial number on the data plate is DGB2001A/B, hose A will have the serial number DGB2001A
Where the serial number on the data plate is DGB2001, hose A will have the serial number DGB2001A.
Where the serial number on the data plate is DGB2001, hose A will have the serial number DGB2001A.
Where the serial number on the data plate is 12345/46, hose 1 is serial number 12345 and hose 2 is 12346
Where the serial number on the data plate is 12345/46, hose 1 is serial number 12345 and hose 2 is 12346
Where the serial number on the data plate is 12345/46, hose 1 is serial number 12345 and hose 2 is 12346
Where the serial number on the data plate is 1234, hose A1 will have the serial number 1234A1