

WEIGHTS AND MEASURES



**AZDA**  
ARIZONA  
DEPARTMENT  
OF AGRICULTURE

# Self-Study Course

## Fueling Device Placed-In-Service Reports

November 2021

# Who is the training for?

- A Department of Agriculture, Weights and Measures Services Division, Licensed Registered Service Representative (RSR).
- Anyone studying for the RSR licensing exam.
- Note: While there may be useful information in this presentation, vapor recovery RSRs are required to complete a Division training course before taking the competency examination and every 36 months thereafter.

# Goals:

Provide you with the information you will need to pass the RSR test and the tools you need to do your job!

You will learn:

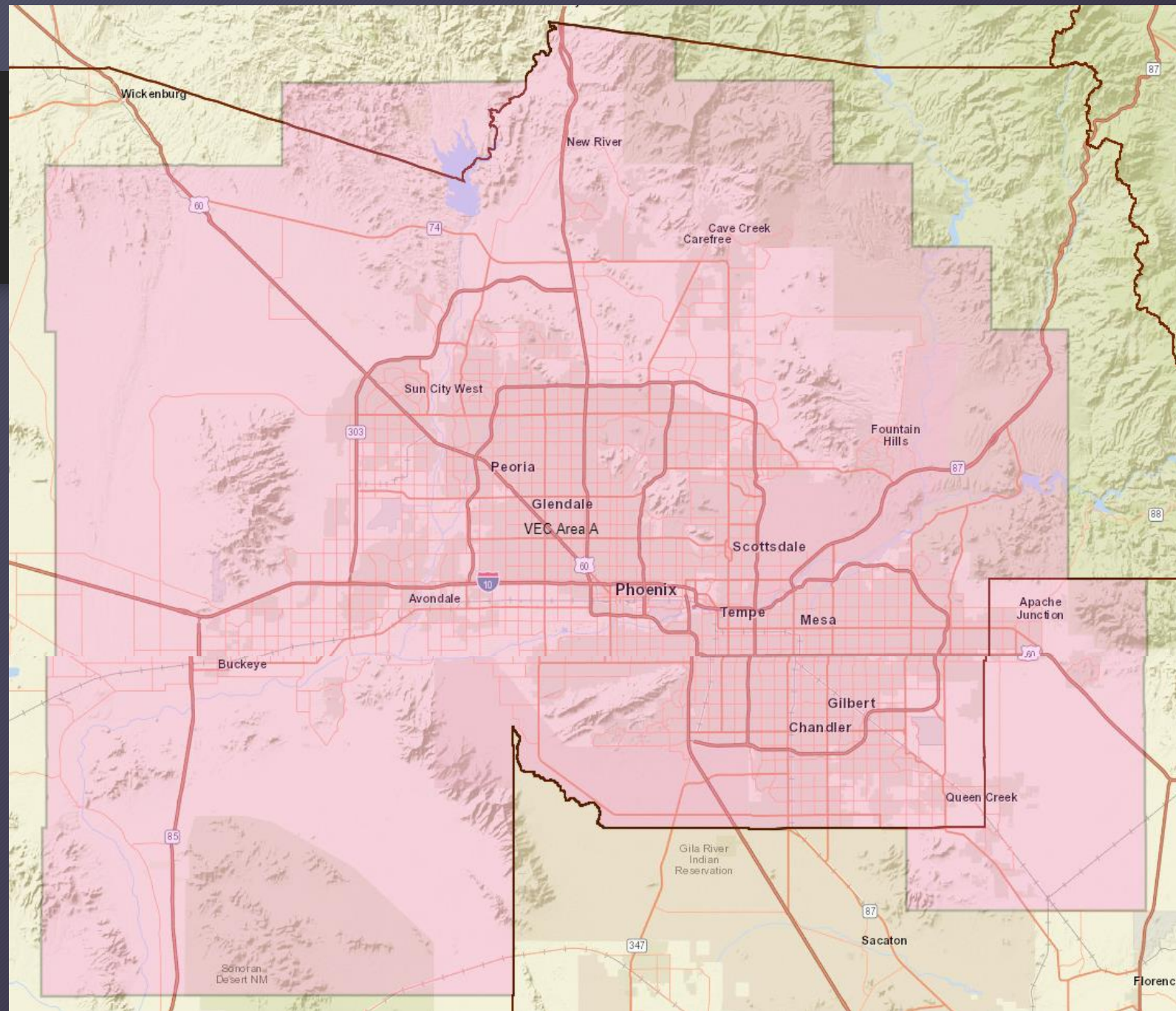
- Details on completing a Placed-In-Service Report for fueling devices.



# Vapor Test Area: Area A Map

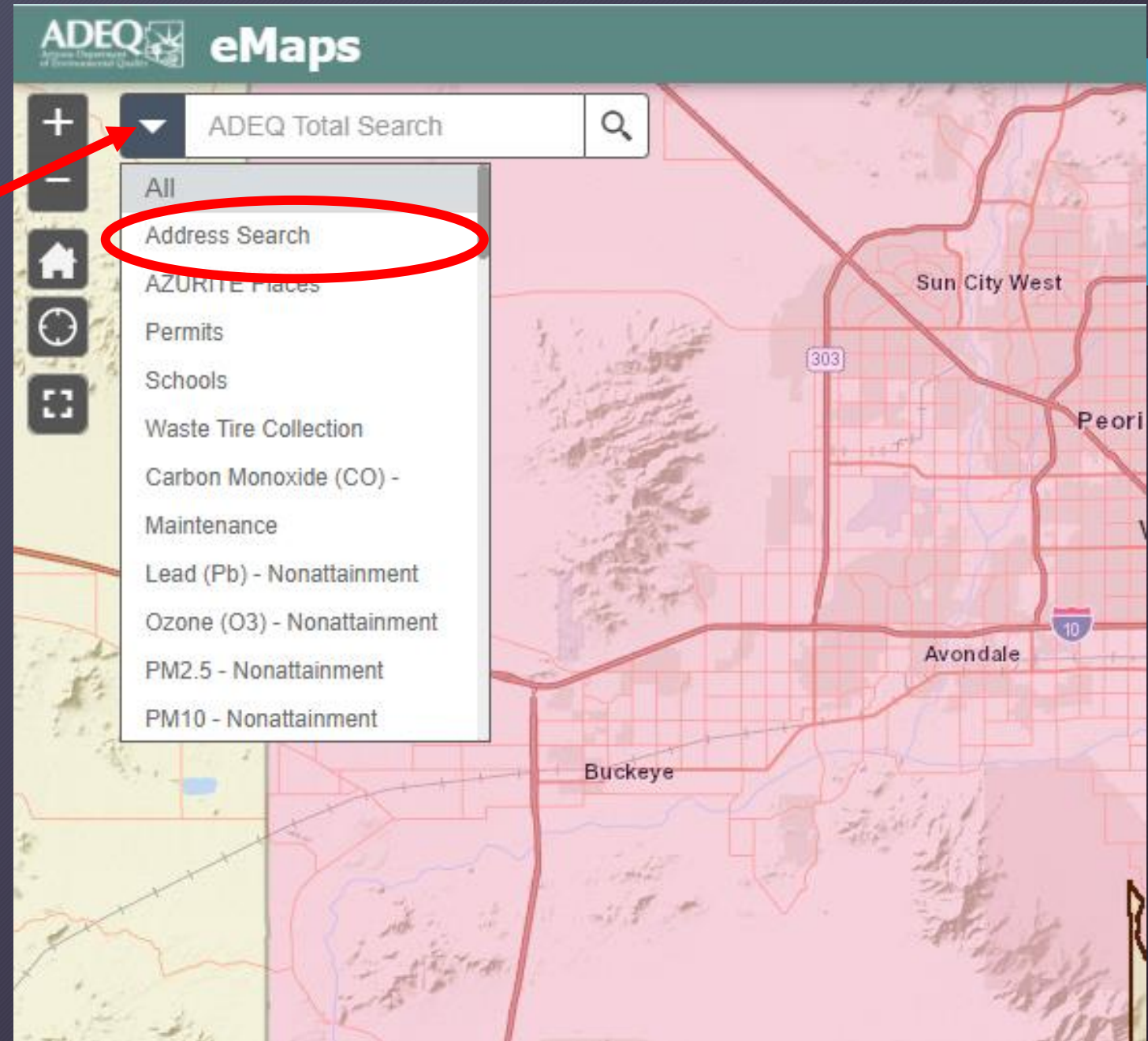
- Portions of Maricopa, Pinal, and Yavapai Counties
- Map found at link below:

<https://adeq.maps.arcgis.com/apps/webappviewer/index.html?id=e224fc0a96de4bcda4b0e37af3a4daec&showLayers=Counties;VEC%20-%20Area%20A>





Click on the dropdown to locate “Address Search” if you are unsure if your site is located in Area A.







▼ 4425 W. Olive Ave., Glenda X 🔍

Show search results for 4425 W...



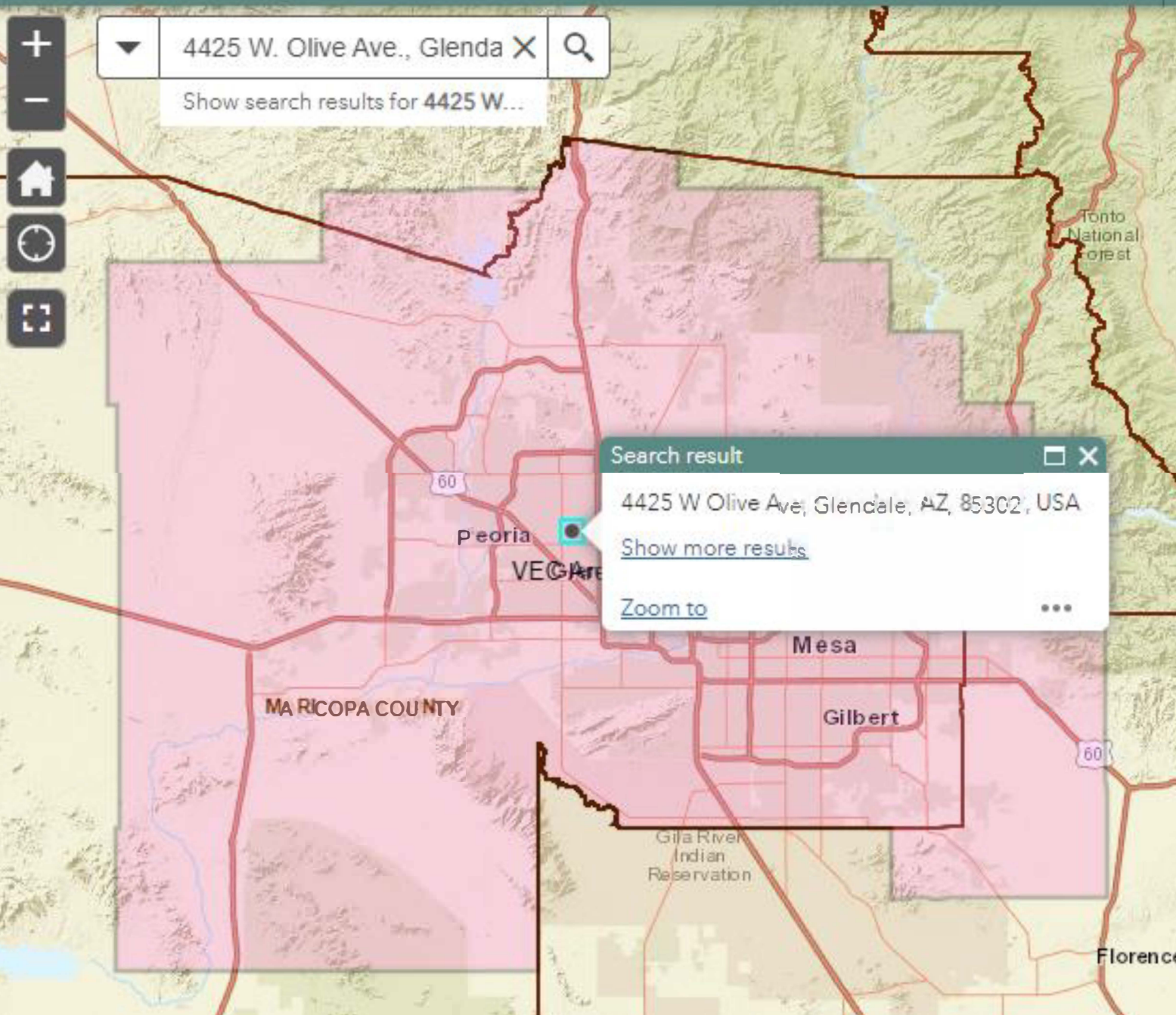
Search result



4425 W Olive Ave, Glendale, AZ, 85302, USA

[Show more results](#)

[Zoom to](#)



For motor fuel dispensers, the 011 to 018 series is for sites outside of the vapor recovery test area and for non-gasoline meters or blend valves located within the vapor recovery test area

The 211 to 218 series is for gasoline meters or blend valves located within the vapor recovery test area (Area A)

|     |                            |          |
|-----|----------------------------|----------|
| 008 | Maximum 151-500 gpm        | \$90.00  |
| 009 | Maximum 501-1,000 gpm      | \$138.00 |
| 010 | Maximum 1,001 gpm and over | \$168.00 |

#### MOTOR FUEL DISPENSERS OTHER THAN FOR LPG

| A.R.S. 3-3452(A) |  |          |
|------------------|--|----------|
| 011              | One meter or blending valve (includes Diesel Exhaust Fluid (DEF))      | \$15.00  |
| 012              | Two meters or blending valves  | \$30.00  |
| 013              | Three meters or blending valves  | \$45.00  |
| 014              | Four meters or blending valves   | \$60.00  |
| 015              | Five meters or blending valves   | \$75.00  |
| 016              | Six meters or blending valves  | \$90.00  |
| 017              | Seven meters or blending valves  | \$105.00 |
| 018              | Eight meters or blending valves  | \$120.00 |
| 019              | High volume (over 19 gpm) diesel <u>per hose &amp; nozzle</u>          | \$15.00  |
| 020              | Key lock, limited access w/ accumulators, <u>per hose &amp; nozzle</u> | \$22.50  |
| 022              | Remote indicator and/or control unit (accessory only)                  | \$22.50  |

#### VAPOR RECOVERY TEST (AREA A)

|     |                                 |          |
|-----|---------------------------------|----------|
| 211 | One meter or blending valve     | \$30.00  |
| 212 | Two meters or blending valves   | \$60.00  |
| 213 | Three meters or blending valves | \$90.00  |
| 214 | Four meters or blending valves  | \$120.00 |
| 215 | Five meters or blending valves  | \$150.00 |
| 216 | Six meters or blending valves   | \$180.00 |
| 217 | Seven meters or blending valves | \$210.00 |
| 218 | Eight meters or blending valves | \$240.00 |

|     |  |         |
|-----|--|---------|
| 301 | Other linear measuring devices                                   | \$12.00 |
| 302 | Other time measuring mechanical, electrical & electronic devices | \$12.00 |
| 300 | All mechanical and electronic counting devices                   | \$12.00 |

#### OTHER FEES, PENALTIES AND CHARGES

|     |   |                        |
|-----|---|------------------------|
| 050 | Public Weighmaster - A.R.S. 3-3452(C)   | \$48.00                |
| 048 | Deputy Weighmaster - A.R.S. 3-3452(C)   | \$0.00                 |
| 049 | Limited Weighmaster - A.R.S. 3-3452(C)  | \$0.00                 |
| 051 | Registered Service Agency (RSA) - A.R.S. 3-3452(C)                                    | \$24.00                |
| 052 | Registered Service Representative (RSR) - A.R.S. 3-3452(C)                            | \$4.80                 |
| 053 | Metrology Certification - A.R.S. 3-3416(H)  | \$110/HOUR (\$50 MIN.) |
| 054 | Commercial Livestock Scales - A.R.S. 3-3451(E)  | Same as device fee     |
| 056 | VR Stage I Area A, Authority to Construct - A.R.S. 3-3512(D)                          | \$250.00               |
| 057 | VR Stage I Area B, Authority to Construct - A.R.S. 3-3512(D)                          | \$250.00               |
| 058 | VR Stage II, Authority to Construct - A.R.S. 3-3515(D)                                | \$250.00               |
| 060 | Public Record Request - A.R.S. 39-121.01(D)(1) Commercial and Non-Commercial Requests | Varies                 |
|     | Copies  | \$ .20/page            |
|     | Computer Reports  | \$ .02/kb              |
|     | CDs   | \$1.00/disc            |
|     | Commercial Requests (includes Non-Commercial Fees)                                    | \$ .15/record          |
|     | Over 30 minutes staff time  | \$25/hour              |
| 061 | Civil Penalty - ARS 41-211.5A   | Varies                 |
| 062 | Credits   | Varies                 |
| 063 | LATE PAYMENT PENALTY - A.R.S. 3-3452(F)   | SEE BELOW              |
| 099 | Forms and Manuals   | Varies                 |

**LATE PAYMENT PENALTY:** For each 30 day period past the due date, an additional penalty is imposed in increments of 20%. If all outstanding charges are not paid within 120 days of the due date, the license shall automatically be cancelled. It is illegal to operate a commercial device, or perform the duties of a public weighmaster, deputy public weighmaster, RSA, or RSR without a valid license.



# Determining Fee Codes for Fuel Dispensers

Step 1: Determine if the dispenser is located in Area A:

All gasoline meters or blend valves located within the Vapor Recovery Test area (Area A) are subject to the fee codes 211 - 218.

Diesel and other non-gasoline fuel blends are NEVER subject to the vapor recovery test fee codes.

## VAPOR RECOVERY TEST (AREA A)

|     |                                 |          |
|-----|---------------------------------|----------|
| 211 | One meter or blending valve     | \$30.00  |
| 212 | Two meters or blending valves   | \$60.00  |
| 213 | Three meters or blending valves | \$90.00  |
| 214 | Four meters or blending valves  | \$120.00 |
| 215 | Five meters or blending valves  | \$150.00 |
| 216 | Six meters or blending valves   | \$180.00 |
| 217 | Seven meters or blending valves | \$210.00 |
| 218 | Eight meters or blending valves | \$240.00 |



# Determining Fee Codes for Fuel Dispensers

## Step 1 continued:

All meters and blend valves for fuel dispensing sites located outside Area A are subject to 011 through 018 fee codes.

Also, these fee codes are used for all meters and blend valves for fuels other than gasoline within Area A.

|     |  |          |
|-----|--|----------|
| 011 | One meter or blending valve<br>(includes Diesel Exhaust Fluid (DEF)) | \$15.00  |
| 012 | Two meters or blending valves  | \$30.00  |
| 013 | Three meters or blending valves                                      | \$45.00  |
| 014 | Four meters or blending valves                                       | \$60.00  |
| 015 | Five meters or blending valves                                       | \$75.00  |
| 016 | Six meters or blending valves  | \$90.00  |
| 017 | Seven meters or blending valves                                      | \$105.00 |
| 018 | Eight meters or blending valves                                      | \$120.00 |

# Determining Fee Codes for Gas Dispensers

Step 2: Count the number of meters and blending valves for both sides of the dispenser. The last number of the fee code corresponds to the number of meters or blend valves per dispenser. The easiest way to think about this is to count the number of grades sold per dispenser.

|   | Dispenser Grades    | In Area A? | Applicable Fee Code          |
|---|---------------------|------------|------------------------------|
| ➡ | 87, 89, 91          | Yes        | 216                          |
| ➡ | 87, 89, 91 + diesel | Yes        | 216 (gasoline), 012 (diesel) |
| ➡ | 87, 89, 91          | No         | 016                          |
| ➡ | 87, 89, 91 + diesel | No         | 018                          |
|   |                     |            |                              |



# Let's consider some examples:

| Dispenser Grades                     | Location   | In Area A? | Applicable Fee Code             |
|--------------------------------------|------------|------------|---------------------------------|
| 87, 89, 91                           | Phoenix    | Yes        | 216                             |
| 87, 89, 91 + diesel                  | Chandler   | Yes        | 216 (gasoline), 012 (diesel)    |
| 87, 89, 91                           | Winslow    | No         | 016                             |
| 87, 89, 91 + diesel                  | Tucson     | No         | 018                             |
| 87, 89, 90, 91 + diesel              | Cottonwood | No         | 018 (gas), 012 (diesel)         |
| DEF                                  |            |            | 011 (single dispenser, 1 meter) |
| High flow diesel                     |            |            | 019 (one 019 per hose/nozzle)   |
| Remote indicator and/or control unit |            |            | 022                             |

# Exercise

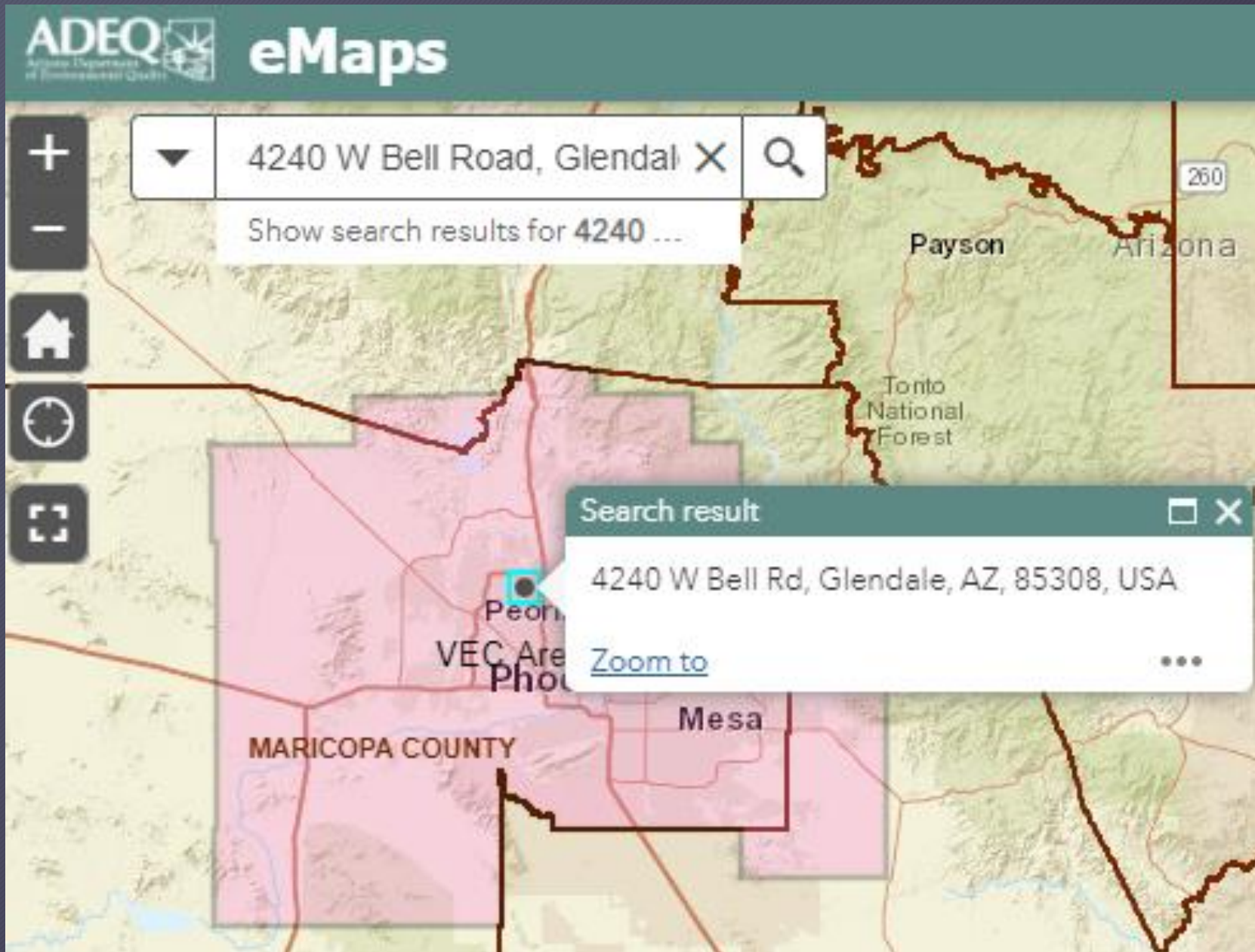
Let's consider a gas station that is located at:

**4240 W. Bell Road, Glendale AZ**

STEP 1:

Is the site in the Vapor Recovery Area (Area A)?

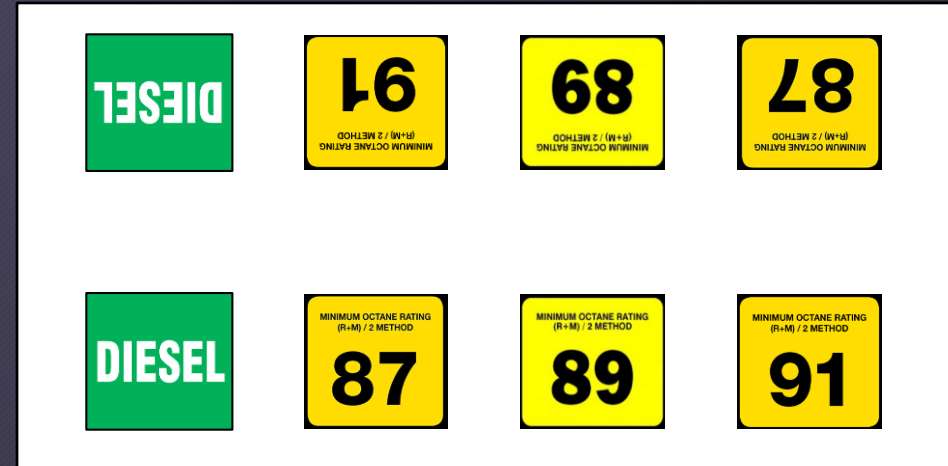




<https://adeq.maps.arcgis.com/apps/webappviewer/index.html?id=e224fc0a96de4bcda4b0e37af3a4daec&showLayers=Counties;VEC%20-%20Area%20A;>

# Next, count the grades

- In Area A, the gasoline and diesel are counted separately. For this example there are 2 diesel and 6 gasoline grades.





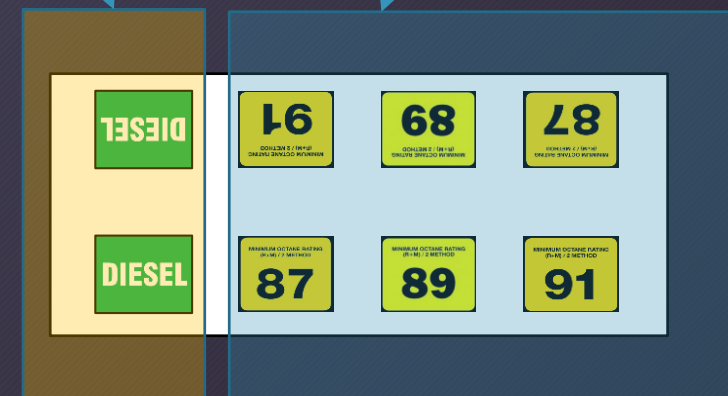
# Finally, pull it together

The diesel is licensed as an '012'

The gasoline is licensed as a '216'

The vapor area only applies to gasoline. Therefore, the diesel is licensed as 012. The '0' means non-vapor. The '2' designates a dispenser with 2 grades.

In Area A, 6 gasoline grades is a fee code 216. The '2' designates it is in Area A. The '6' designates the dispenser has 6 grades.



# Another Example - Area A

In this example, there are 2 grades of diesel, 2 grades of ethanol flex fuel, and 4 grades of gasoline.





The diesel and ethanol flex fuel are combined and licensed as an '014'

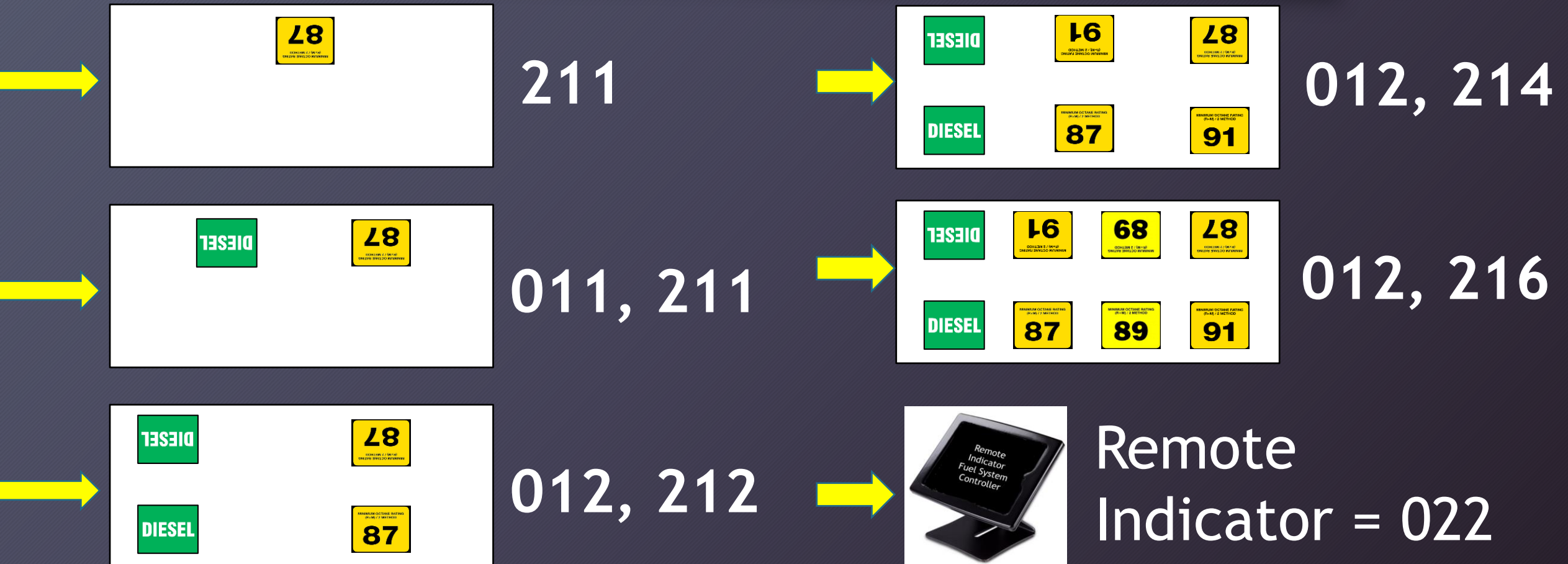
The gasoline is licensed as a '214'

The vapor area only applies to gasoline. Therefore, the diesel and ethanol flex fuel are licensed as 014. The '0' means non-vapor. The '4' designates a dispenser with 4 grades.

In Area A, 4 gasoline grades is a fee code 214. The '2' designates it is in Area A. The '4' designates the dispenser has 4 grades.



# More Examples, station in Area A





# Outside of Area A

For stations located outside of Area A, all grades of fuel pay the same fee, therefore, they are all licensed with the fee codes that begin with '0.'

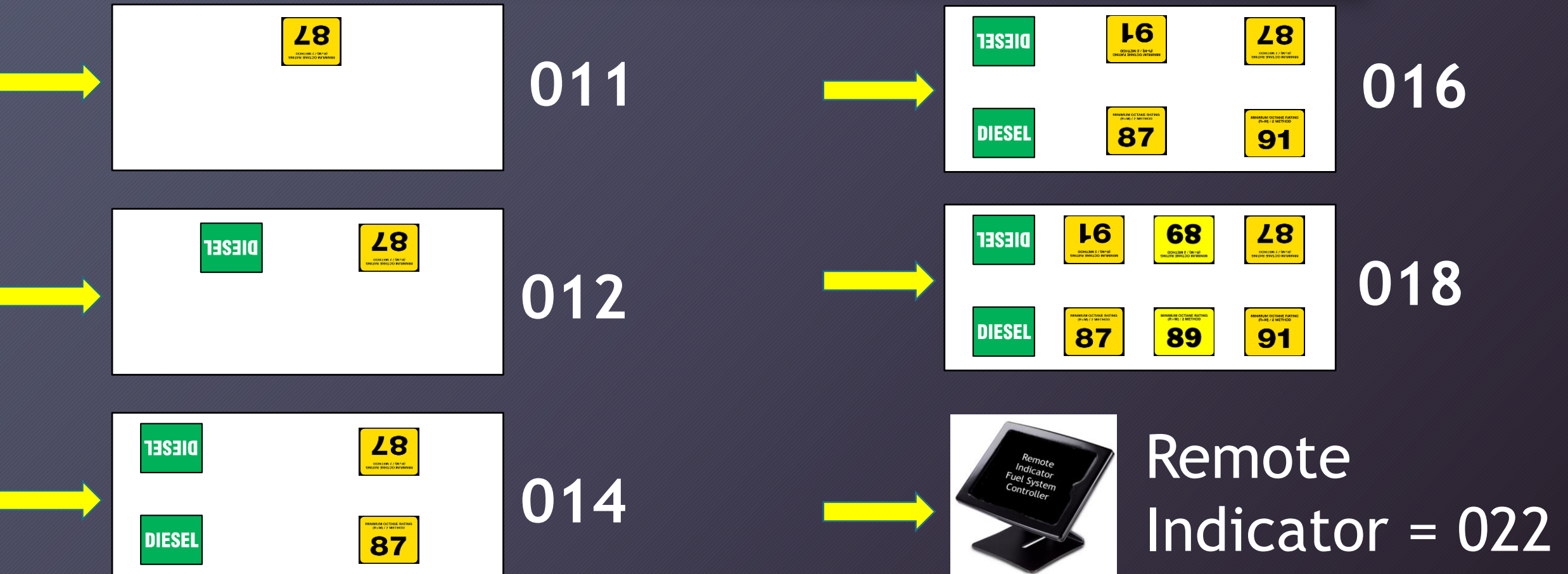
Count the number of grades to determine the fee code.

Outside Area A, count all the fuel grades. In this case, the fee code is

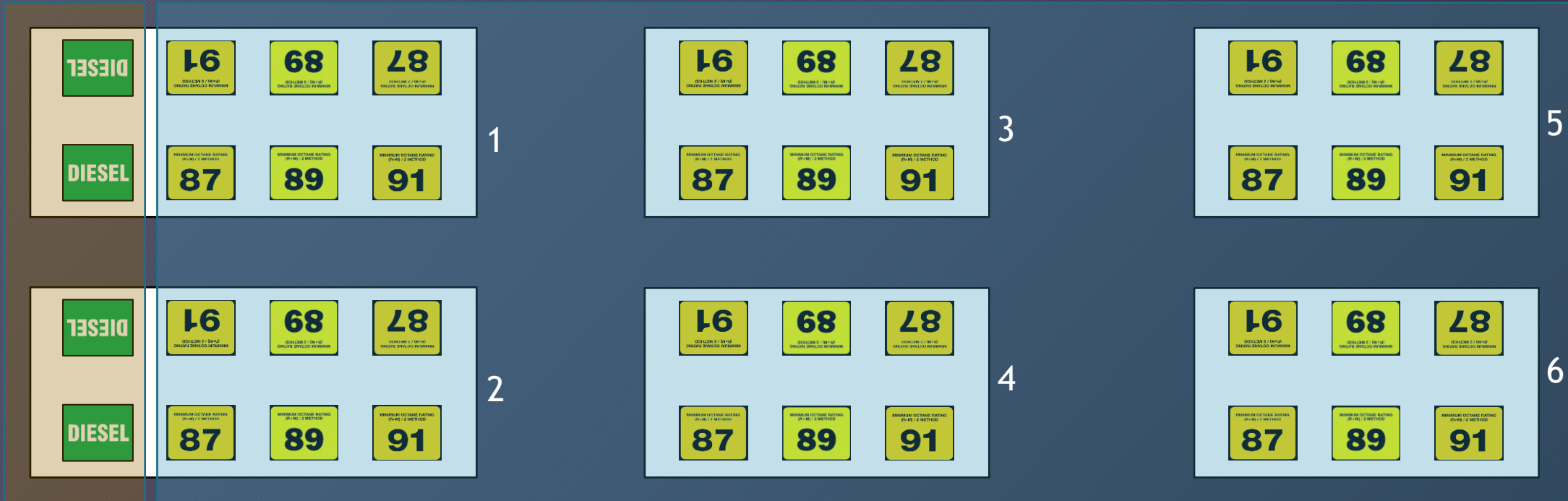
018. The '0' designates it is outside of Area A. The '8' designates the dispenser has 8 grades.



# More Examples, outside of Area A



# Area A - Entire Station..... 2-012 + 6-216 + 022



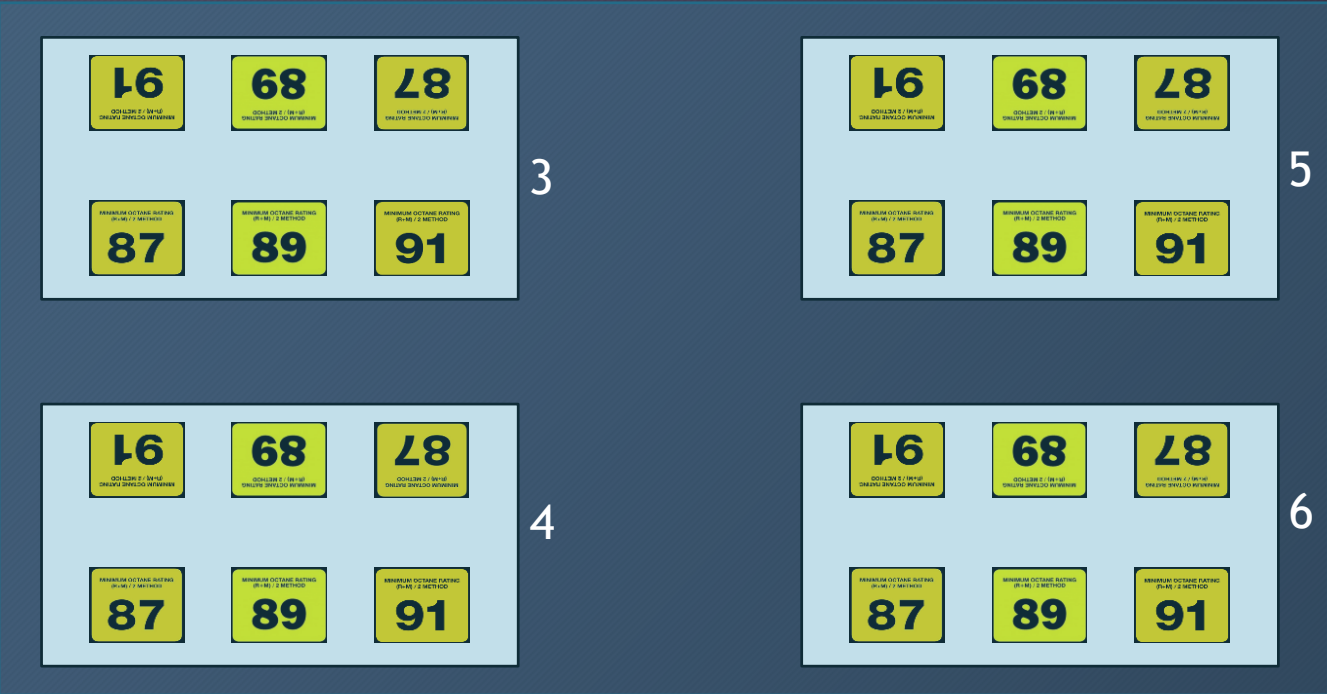
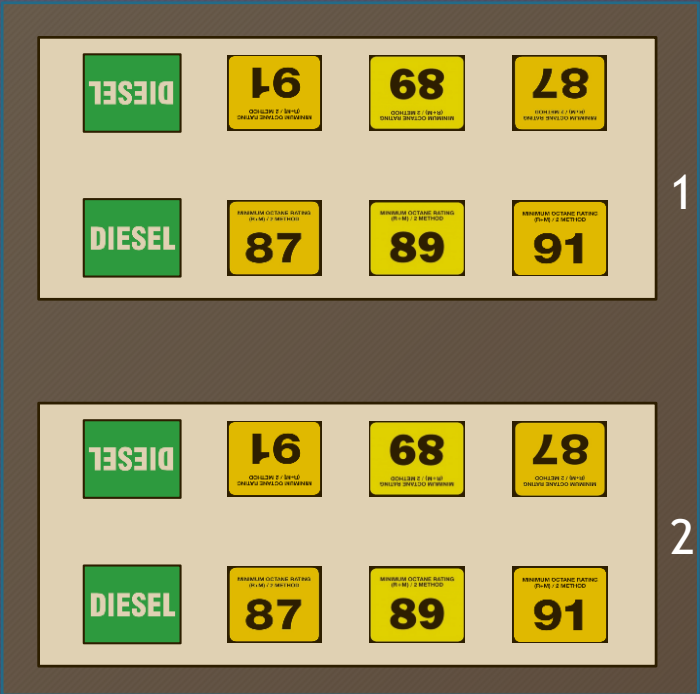
Diesel = 2-012  
2 dispensers with 012 fee code

Gasoline = 6-216  
6 dispensers with 216 fee code

Remote Controller  
022 fee code



# Outside Area A



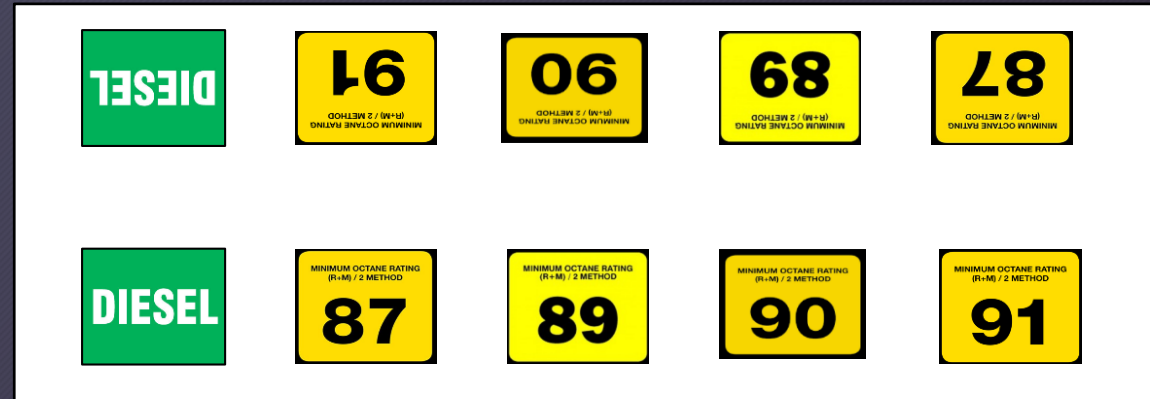
Diesel + Gasoline = 2-018  
2 dispensers with 018 fee code

Gasoline = 4-016  
4 dispensers with 016 fee code

Remote Controller  
022 fee code

# Outside Area A - more than 3 octane grades

- There is no fee code for 10 grades. Therefore, in this case you would license:
- 1 - 018
- 1 - 012



Any Questions?

Please email to:

[dwm@azda.gov](mailto:dwm@azda.gov)

Or call 602-542-4373