# Form D: Working Instructions for Isoflurane Used in Vaporizer - Current Use Log

# Definitions:

1. Dangerous Drug - means any drug other than a drug contained in any schedule of Article 2 of this chapter, which, under the federal Food, Drug, and Cosmetic Act (52 Stat. 1040 (1938)), 21 U.S.C. Section 301, et seq., as amended, may be dispensed only upon prescription.  In addition to subsection (a) of this Code section, a “dangerous drug” means any other drug or substance declared by the General Assembly to be a dangerous drug; to include any of the following drugs, chemicals, or substances; salts, isomers, esters, ethers, or derivatives of such drugs, chemicals, or substances which have essentially the same pharmacological action; all other salts, isomers, esters, ethers, and compounds of such drugs, chemicals, or substances unless specifically exempted and the following devices, identified as “dangerous drugs”: [List of drugs can be found here.](https://advance.lexis.com/documentpage/?pdmfid=1000516&crid=9803fea1-d6d4-44e5-b07f-197160811ee2&nodeid=AAQAAOAAEAAE&nodepath=%2FROOT%2FAAQ%2FAAQAAO%2FAAQAAOAAE%2FAAQAAOAAEAAE&level=4&haschildren=&populated=false&title=16-13-71.+%E2%80%9CDangerous+drug%E2%80%9D+defined.&config=00JAA1MDBlYzczZi1lYjFlLTQxMTgtYWE3OS02YTgyOGM2NWJlMDYKAFBvZENhdGFsb2feed0oM9qoQOMCSJFX5qkd&pddocfullpath=%2Fshared%2Fdocument%2Fstatutes-legislation%2Furn%3AcontentItem%3A686B-H2R3-GXF6-84BH-00008-00&ecomp=bgf5kkk&prid=224b3608-f1c6-4ea1-b5d0-291f5c53e680)
2. Registrant – A person licensed and registered with the Georgia Board of Pharmacy (GBP) to distribute, manufacture, administer, and/or dispense a dangerous drug.

c) Stock Bottle – The container/bottle that was received from the supplier. The stock bottle has the original labels from the manufacturer.

# Box 1 Instructions: Registration Information

1. Complete the Registrant’s Name, Georgia Board of Pharmacy Number, and address in this section. The information must appear exactly (in its entirety), as it does on the Registrant’s (GBP) License.

# Box 2: Stock Bottle Information

1. Enter the Name of the Substance exactly as it appears on the vials or container from the Manufacturer’s label.
2. Record the Concentration/Strength of the drug. **To use this form continuously, the drug name and concentration/strength must be consistent. If either of these differ then the user must start a new form.**

# Box 3: Stock Bottle Drug Usage

1. Document the drug name and strength/concentration in the header of Box 3.
2. Record the date the drug was used.
3. Document the Unique Bottle ID from which the Isoflurane was removed. Each Stock Bottle must be assigned a Unique Bottle ID. For instance, Isoflurane #1 – ISO001. Similarly, you could use the date received and the abbreviated drug name as the Unique Bottle ID. For instance, if one container of Isoflurane was received on 01-03-24, it could be documented as #ISO010324. When a new stock bottle with a different unique bottle ID is used on this form, you must start a new line.
4. Record the Expiration date from the bottle. Note: read the fine print regarding the expiration date
5. Document the starting mass of the Isoflurane bottle (Column marked (A))
6. Document the ending mass of the bottle after the Isoflurane was dispensed (Column (B)).
7. To document how much Isoflurane was used in mass (C), subtract column (A) from Column (B).
8. Once the bottle is empty, document the empty weight of the bottle. It is important to document the empty bottle weight because every bottle may not weigh the same. You may use N/A in this column until the bottle is empty.
9. Record the initials of the person who dispensed/administered the Isoflurane.
10. Optional: the reason for use may be documented here. The Registrant may choose to document Protocol number, PI name, number of animals dosed, etc.
11. If continuing to the second page, check the box at the bottom of the page.
12. On all additional forms, document the drug name and strength/concentration at the top of the page.
13. To determine the total volume dispensed for each unique bottle id, the user should add up the total weight dispensed for the bottle and divide that number by the density of Isoflurane (1.496). Doing this will help the registrant determine if the bottle was overfilled or underfilled. If that occurs, then the registrant should document the anomaly on Form E. A different starting mass weight does not always indicate overfill/underfill as the tare weight of the empty bottle be different. This step is not required but the state inspector will do this during an inspection to ensure the total volume of the container was dispensed.

Sample Form D: Isoflurane Used in Vaporizer Current Use Log

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| **Box 1: Registrant Information** | | |
| **Registrant’s Name:** Joe Smith | **GA Board of Pharmacy #:** PHRS12345678 | **Registered Address:** 123 Main Street, Room 45, Atlanta, GA, 30325 |
| **Box 2: Stock Bottle Information** | | |
| **Name of the Substance (as written on the label):** Isoflurane | | **Strength/Concentration (mg/ml):** 100% |

*To use this form continuously, each bottle must have the same drug name and concentration. DO NOT record disposition/destruction on this form. Use Form I for destructions.*

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| **Box 3: Stock Bottle Drug Usage** | | | | | **Drug Name and Strength/Concentration:** Isoflurane 100% | | | |
| **Date** | **Unique Bottle ID** | **Expiration Date of Bottle** | **Starting Mass of Container (g)**  **(A)** | **Ending Mass of Container (g)**  **(B)** | **Total Isoflurane Used (g)**  **(C= A-B)** | **Weight of empty container for each Unique Bottle ID (g)** | **Initials of person administering drug** | **Reason for Use** **(optional – may document species & number of animals dosed)** |
| 04/01/23 | ISO0001 | 06/30/24 | 499g | 314g | 185g | N/A | JS | euthanasia |
| 05/10/23 | ISO0001 | 06/30/24 | 314g | 274g | 40g | N/A | JS | euthanasia |
| 05/20/23  --------------New Bottle---------------------------------------------------------------------------------------------------------------- | ISO0001 | 06/30/24 | 274g | 125g | 149g | 125g | DB | Euthanasia (empty bottle) |
|  |  |  |  |  |  |  |  |  |
| 05/21/23 | ISO0002 | 06/30/24 | 509g | 351g | 158g | N/A | DB | euthanasia |
| 05/26/23 | ISO0002 | 06/30/24 | 351g | 277g | 74g | N/A | JS | euthanasia |
| 05/28/23 | ISO0002 | 06/30/24 | 277g | 125g | 152g | 125g | JS | empty bottle – overfilled 6.7ml - incident report |
|  |  |  |  |  | --------------New Bottle---------------------------------------------------------------------------------------------------------------- |  |  |  |
| 06/01/23 | ISO0003 | 06/30/24 | 501g | 300g | 201g | N/A | DB | euthanasia |
| 06/01/23 | ISO0003 | 06/30/24 | 300g | 245g | 55g | N/A | JS | euthanasia |
| 06/01/23 | ISO0003 | 06/30/24 | 245g | 127g | 118g | 127g | JS | Euthanasia (empty bottle) |
|  |  | --------------New Bottle---------------------------------------------------------------------------------------------------------------- |  |  |  |  |  |  |
| **Box 3: Stock Bottle Drug Usage Continued** | | | | | **Drug Name and Strength/Concentration:** Isoflurane 100% | | | |
| **Date** | **Unique Bottle ID** | **Expiration Date of Bottle** | **Starting Mass of Container (g)**  **(A)** | **Ending Mass of Container (g)**  **(B)** | **Total Isoflurane Used (g)**  **(C= A-B)** | **Weight of empty container for each Unique Bottle ID (g)** | **Initials of person administering drug** | **Reason for Use (optional – may document species & number of animals dosed)** |
| 07/02/23 | ISO0004 | 06/30/24 | 505g | 100g | 405g | N/A | JS | euthanasia |
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Form D: Isoflurane Used in Vaporizer Current Use Log

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| **Box 1: Registrant Information** | | |
| **Registrant’s Name:** | **GA Board of Pharmacy #:** | **Registered Address:** |
| **Box 2: Stock Bottle Information** | | |
| **Name of the Substance (as written on the label):** | | **Strength/Concentration (mg/ml):** |

*To use this form continuously, each bottle must have the same drug name and concentration. DO NOT record disposition/destruction on this form. Use Form I for destructions.*

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| **Box 3: Stock Bottle Drug Usage** | | | | | **Drug Name and Strength/Concentration:** | | | |
| **Date** | **Unique Bottle ID** | **Expiration Date of Bottle** | **(A) Starting Mass of Container (g)** | **(B) Ending Mass of Container (g)** | **(C= A-B) Total Isoflurane Used (g)** | **Weight of empty container for each Unique Bottle ID (g)** | **Initials of person administering drug** | **Reason for Use (optional – may document species & number of animals dosed)** |
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| **Box 3: Stock Bottle Drug Usage Continued** | | | | | **Drug Name and Strength/Concentration:** | | | |
| **Date** | **Unique Bottle ID** | **Expiration Date of Bottle** | **Starting Mass of Container (g)**  **(A)** | **Ending Mass of Container (g)**  **(B)** | **Total Isoflurane Used (g)**  **(C= A-B)** | **Weight of empty container for each Unique Bottle ID (g)** | **Initials of person administering drug** | **Reason for Use (optional – may document species & number of animals dosed)** |
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