



# **ARTEFICIAL INCEMINATION**

## **LEVEL-II**

# **LEARNING GUIDE 17**

**Unit of Competence: Assisting Basic Husbandry Practice of Dairy Cattle**

**Module Title: Assisting Basic Husbandry Practice of Dairy Cattle**

**LG Code: AGR ATI2M 05 0919 LO-04-17**

**TTLM Code: AGR ATI2 TTLM 0919V1**

**LO4: - Clean up on completion of work**

This learning guide is developed to provide you the necessary information regarding the following content coverage and topics –

- ✓ Return materials to store or dispose.
- ✓ Clean, maintain and store tools and equipments.
- ✓ Report work outcomes

### **Learning Activities**

1. Read the specific objectives of this Learning Guide.
2. Read the information written in the “Information Sheets 1-4”.
3. Accomplish the “Self-check” in each information sheet
4. If you earned a satisfactory evaluation proceed to “next Information Sheet”. However, if your rating is unsatisfactory, see your teacher for further instructions or go back to Learning Activity #2.
5. Submit your accomplished Self-check. This will form part of your training portfolio.
6. Read the “Operation Sheet” and try to understand the procedures discussed

During completion of work materials used should be clean up properly and returned to store or disposed properly. If they are only for use and through. Those tools and equipment which are none functioning should be maintained and stored according to manufacturer specifications and supervisor instructions.

**The importance of Clean, Maintain and store tools and equipments are**

- To clean work
- To save the work site environment
- It protects from chemical, accidental, body contact hazards
- It increases the duration of the materials, tools and equipments for future use.

**Guidelines to clean tools and equipments**

- Separate other materials
- Handle the contaminated with neoprene or rubber glove
- Wash the materials
- Handling them on a lineout side and housing them down with water(PPE)
- Be careful when disposing of rinse water. If it contains herbicides do not dispose of it on a garden or loan area.
- Do not mix the contaminated materials with others in a washing machine.
- Put only a few contaminated materials the same area at a time, grouping together those that are contaminated by the same chemical. And set the machines for full load.
- Use hot water
- Dry materials

To remove microorganisms from the machine equipments after washing contaminated materials, run the equipments empty through a complete cycle using hot water and detergent

<b>Self-Check -1</b>	<b>Written Test</b>
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**Directions:** Answer all the questions listed below. Use the Answer sheet provided in the next page:

1. What are the guidelines to clean tools and equipments (5pt)?

**Note: Satisfactory rating above 4 points**

**Unsatisfactory - below 4 points**

You can ask you teacher for the copy of the correct answers.

**Answer Sheet**

Score = _____
Rating: _____

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Short Answer Questions**

**Waste disposal**

A properly designed structure has the capacity to handle wastes from a specific of animals for a known number of days The following are currently approved disposal methods:

- Incineration composting
- Burial rendering
- Freezing direct burial
- Cooking/feeding to swine
- Composting
- Rendering
- Direct burial

Take special care when loading or unloading wastes to minimize losses Take special care when loading or unloading wastes to minimize losses such as dust or mist Vacuum transfer systems can minimize Loss.

### **A. Land filing**

Disposing of waste in a **landfill** is the most traditional method of waste disposal, and it remains a common practice in most countries.

### **. B. Incineration**

**Incineration** is the process of destroying waste material by burning it. Incineration is carried out both on a small scale by individuals and on a large scale by industry. Though still widely used in many areas (especially developing countries), incineration as a waste management tool is becoming controversial for several reasons: both the gases and the ash residue produced may be toxic.

<b>Self-Check -2</b> <b>Written Test</b>
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**Directions:** Answer all the questions listed below. Use the Answer sheet provided in the next page:

1. List types of waste disposal method? (5pt)

**Note: Satisfactory rating above 4 points**

**Unsatisfactory - below 4 points**

You can ask you teacher for the copy of the correct answers.

**Answer Sheet**

Score = _____
Rating: _____

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Short Answer Questions**