

## ARUSHA TECHNICAL COLLEGE

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### GENERAL STUDIES DEPARTMENT

- 1.0. **SHORT COURSE TITLE:** Fumigation and Waste Disposal
- 2.0. **HOST DEPARTMENT:** General Studies Department
- 3.0. **PLACE/VENUE:** Arusha Technical College (ATC)
- 4.0. **COURSE DURATION:** One (1) week
- 5.0. **COURSE COST:** TZS 500,000 = (tuition fee and training materials).
- 6.0. **COURSE OBJECTIVES**

#### 6.1. GENERAL OBJECTIVE

This course is intended to increase awareness on fumigation and proper waste disposal.

#### 6.2. SPECIFIC OBJECTIVES

At the end of the course, a trainee should be able to:

- (a) Explain the meaning of fumigation.
- (b) Describe the site conditions for fumigation
  - (i) Closed air
  - (ii) Open to air
- (c) Give importance (effectiveness) of each site in terms of fumigant consumption
- (d) Explain common procedures for fumigation
- (e) Prepare site ready for fumigation
- (f) Give first aid to the casualty of fumigant
- (g) Report on side effects of fumigant to the doctor
- (h) Describe categories of waste
  - (i) Explain the meaning of waste disposal
  - (j) Identify the proper way of disposing waste
  - (k) Describe tools required in waste disposal
  - (l) Identify the effects for improper waste disposal

#### 7.0. COURSE OUTCOME

The participants will learn the basic knowledge on proper way of fumigation and waste disposal.

## TIME TABLE

### MONDAY

TIME	TASK TO PERFORM	HOURS
14:30 – 16:00	a) The meaning of fumigation b) Mention the site conditions for fumigation: Closed air and Open to air	1.5
16:00 – 16:15	<b>Short break</b>	0.25
16:15 – 17:00	c) Give importance (effectiveness) of each site in terms of fumigant consumption	0.75
17:00 – 17:30	Discussion	0.5
<b>TOTAL</b>		<b>3.0</b>

### TUESDAY

Time	TASK TO PERFORM	HOURS
08:30 – 10:00	d) Meaning of fumigant and some examples	1.5
10:00 – 10:30	<b>SHORT BREAK</b>	0.5
10:30 – 12:30	e) Common procedures for fumigation	2.0
12:30 – 13:30	<b>LUNCH</b>	1.0
13:00 – 14:30	f) Site preparation ready for fumigation	1.0
14:30 – 15:30	g) Giving first aid to the casualty of fumigant	1.0
15:30 – 16:30	h) Protective gears for fumigation	1.0
16:30 – 17:30	Discussion	1.0
<b>TOTAL</b>		<b>9.0</b>

### WDNESDAY

Time	TASK TO PERFORM	HOURS
14:30 – 16:00	i) Reporting to the doctor on side effects of fumigant	1.5
16:00 – 16:15	<b>Short break</b>	0.25
16:15 – 17:00	j) Meaning and giving the categories of waste	0.75
17:00 – 17:30	Discussion	0.5
<b>TOTAL</b>		<b>3.0</b>

### THURSDAY

Time	TASK TO PERFORM	HOURS
08:30 – 10:00	k) identify the proper way of disposing waste	1.5
10:00 – 10:30	<b>SHORT BREAK</b>	0.5
10:30 – 12:30	l) Meaning of waste disposal m) Tools required in waste disposal	2.0
12:30 – 13:30	<b>LUNCH</b>	1.0
13:00 – 14:30	n) Identify the effects for improper waste disposal	1.0
14:30 – 15:30	o) The ways to rectify the site effected by improperly/properly disposed waste	1.0
15:30 – 16:30	p) Discussion	1.0
16:30 – 17:30	Award of Certificates and Closing	1.0
<b>TOTAL</b>		<b>9.0</b>