

Los Angeles City Fire Department

TRAINING BULLETIN

Chief Samuel L. Morris, Division 4

TRAINING BULLETIN # 0

SAWDUST

TABLE OF CONTENTS

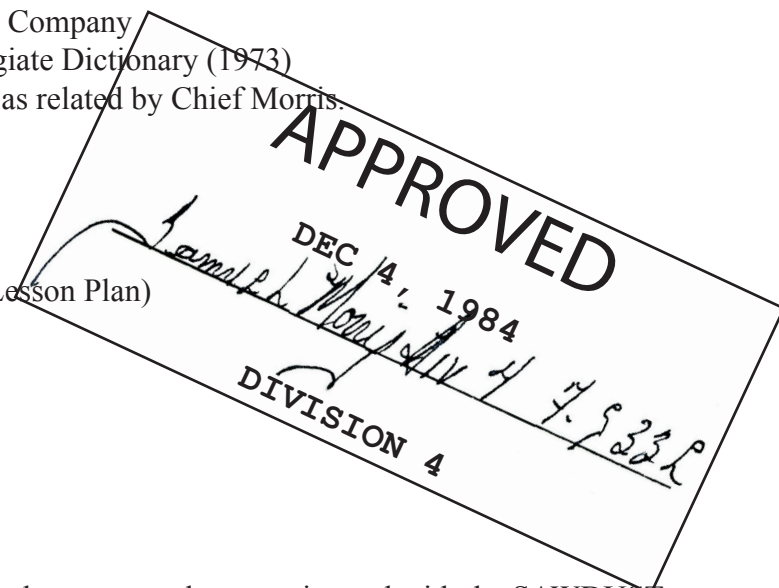
- I. INTRODUCTION
- II. PURPOSE
- III. DEFINITION
- IV. CHARACTERISTICS
- V. ORDERING
- VI. SAWDUST LOCATIONS
- VII. USE OF SAWDUST AT EMERGENCIES
- VIII. SAFETY
- IX. ABOVE GROUND SAWDUST
- X. INCIDENT COMMAND SYSTEM
- XI. ADDITIONAL INFORMATION

LOS ANGELES CITY FIRE DEPARTMENT

COMPANY OFFICER'S MANAGEMENT AND OPERATIONS COURSE

LESSON PLAN

<u>SUBJECT</u>	SAWDUST
<u>OBJECTIVES</u>	To learn techniques which will make Captain more effective in their use and understanding of SAWDUST
<u>REFERENCES</u>	Manual of Operation, LAFD Basic Training 2 LAFD Drill Manual Long Beach Shavings Company Webster's New Collegiate Dictionary (1973) Personal Experiences as related by Chief Morris.
<u>TEACHING AIDS</u>	Chalkboard Overhead Projector Handout Material Note-Taking Guide (Lesson Plan)

INTRODUCTION

SAWDUST requires close team work among the concerned companies and with the SAWDUST OFFICER. All members must have a clear understanding of the objectives prior to a SAWDUST OPERATION. The SAWDUST OFFICER must know the SAWDUST capacity of companies assigned to him/her and the location of additional SAWDUST resources. In addition, the SAWDUST OFFICER must possess a working knowledge of SAWDUST.

A general approach to the theory and principles of SAWDUST OPERATIONS are covered in the Division 4 Training Handbook. This information is important for immediate and efficient implementation in the field.

Obviously, it would not be practical nor is it necessary to have a SAWDUST OFFICER for every fire – HELLO!! While the optimum required method may vary to some degree a standard operation tailored to the incident will simplify the problem and assist in implementation of tactics on the fire ground.

PURPOSE

The purpose of this Lesson Plan is two-fold; first to explain the proper functional characteristics of SAWDUST for Emergency Operatoins. And secondly, the factors involved in the decision-making process on when to use SAWDUST in an emergency and appropriate safety measures if SAWDUST is used.

DEFINITION

- SAW; vb/'so/ n½ME sawe, fr. OE sagu; akin to OHG
sega saw, L secare to cut, secula sickle1/4
- DUST; /'dest/ n½ME fr. OE dust; akin to L furere
to rage, GK thyein¼
- SAWDUST; /'sod- (,) est/n: fine particles (as of
wood) made by a saw in cutting.

CHARACTERISTICS

SAWDUST is delivered in bags. A # 2 bag weighs 23.5 pounds and holds two (2) cubic feet of SAWDUST. A cubic foot of SAWDUST can absorb 30 gallons of water and hold it for about 15 minutes. SAWDUST is purchased from the Long Beach Shavings Company (213 774-6420). A # 2 bag of SAWDUST cost \$1.60 and takes 3 days from the date of ordering for delivery.

ORDERING

SAWDUST can be ordered from Supply and Maintenance on a Form F-80 Stores Request. (A sample F-80 is attached to this Lesson Plan.) A better method of obtaining SAWDUST is simply to take it from another Company at the scene of an incident. A properly trained crew will always use this method in the first place to obtain SAWDUST (as well other tools and equipment).

If you fail to obtain SAWDUST using the above methods and do not wish to type an F-80 call OCD (485-6185) and request a Move-Up. A Move-Up to another fire station is excellent method for obtaining SAWDUST as well as many other useful items.

SAWDUST LOCATIONS

All Truck Companies carry a minimum of 3 bags of SAWDUST. However, in the event of an expanded SAWDUST EMERGENCY additional bags of SAWDUST may be required. Locations for obtaining additional bags of SAWDUST are listed below. All Company Commanders shall familiarize themselves with the following SAWDUST locations. Make a copy of these locations and keep it in your Company Building Inventory Book. Consider keeping a list in your turn-out-coat.

SAWDUST is located in the following locations:

- Supply and Maintenance: 500 bags
485-6124

- Fire Station 10 200 bags
(Official SAWDUST DEPOT - ask for Captain Peterson)
1335 S. Olive St.

The Department has eight Reserve Salvage Companies at the following locations;
(Note: Salvage Companies carry 10 SAWDUST BAGS each.)

Fire Station 24
9411 Wentworth St.,
Sunland 91040

Fire Station 49
400 Matsonia Way
Wil. 90744

Fire Station 53
438 N. Mesa St.
S.P. 90731

Fire Station 54
5730 Crenshaw Blvd.
L.A. 90043

Fire Station 59
11505 Olympic Blvd.,
L.A. 90064

Fire Station 78
4230 Coldwater Cyn. Ave.,
S.C. 91604

Fire Station 62
3631 Centinela Ave.,
L.A. 90066

Fire Station 87
10241 Balboa Blvd.
Northridge 91324

USE OF SAWDUST AT EMERGENCIES

Good salvage work can be done by using SAWDUST. SAWDUST is excellent for absorbing water from attics, floors and basements. Use SAWDUST for construction of dams and dikes to contain water. Use SAWDUST for diverting, controlling and channeling water to catch basins and/or drains.

The purpose of SAWDUST is to protect property from damage by water. Upon arriving at the scene of a fire the SAWDUST OFFICER must first ascertain the location of the water. This is usually somewhere near the fire however, sometimes water can be found beneath a broken sprinkler head. This knowledge will show the SAWDUST OFFICER where to initiate a SAWDUST ATTACK. When a fire is located on an upper floor of a multi-storied building a SAWDUST TAC-TEAM should be formed and sent to the floor below the fire. This is usually a good spot to initiate a SAWDUST ATTACK. (See the Above Ground Section of this Lesson Plan.)

NOTE: Normally a SAWDUST ATTACK above the fire floor is not effective.

Basements occasionally become flooded and the Fire Department is called. An aggressive SAWDUST ATTACK on a flooded basement is often times the best method of handling this type of an emergency.

SAFETY

Good common sense will make a SAWDUST OPERATION safe for everyone. Generally speaking if one uses the same Departmental Safety Program currently in use for chain-saws while working with SAWDUST serious injuries should be avoided. However, although not oblivious at first SAWDUST is somewhat different than a chain-saw and therefore the following additional safety measures must be enforced at all times;

1. Always use goggles when working with SAWDUST.
2. Never put SAWDUST in your mouth.
3. Never take SAWDUST into a fire unless it is needed.
4. Never lift more than 8 bags of SAWDUST at one time.
5. Do not use SAWDUST for firefighting.
6. SAWDUST is ineffective for smoke removal.

ABOVE GROUND SAWDUST

Sometimes SAWDUST is needed for an ABOVE-GROUND SAWDUST ATTACK. Chief Morris has invented the SAWDUST KIT for this purpose.

SAWDUST KIT:

1. Place a rubbish carrier on the ground.
2. Put 2 bags of SAWDUST onto the rubbish carrier.
3. Bring the 4 corner ends of the rubbish carrier together and tie off.

The SAWDUST KIT is now ready. At an incident attach an equipment line to the SAWDUST KIT for hauling above ground. Many Down-Town Companies carry several SAWDUST KITS pre-made.

Safety Note; Always attach the equipment line to the KIT before hauling it above ground. Otherwise, you will haul the line aloft and you won't have any SAWDUST.

INCIDENT COMMAND SYSTEM

The Los Angeles Fire Department's Incident Command System has been revised to include SAWDUST OPERATIONS:

1. The SAWDUST SPECIALIST (Division 4 Chief Morris) reports to the Planning Section Chief (however at an expanded SAWDUST EMERGENCY it is highly advisable to have Chief Morris report directly to the Incident Commander.)
2. The SAWDUST GROUP SUPERVISOR reports directly to the Operations Section Chief. All SAWDUST TAC TEAMS report to this supervision.
Note: A SAWDUST TAC TEAM usually consists of 4 Truck Companies and 2 Salvage Companies and a Squad Company.
SAWDUST TAC-TEAMS are normally commanded by a Battalion Chief however an expanded SAWDUST EMERGENCY is normally commanded by Chief Morris himself.

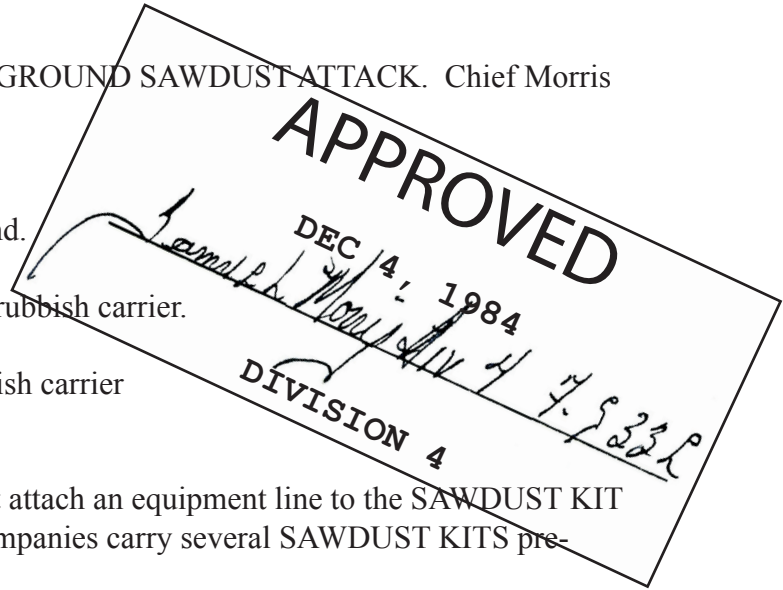
A revised Incident Command outline has been included in this Training Bulletin.

* ADDITIONAL INFORMATION

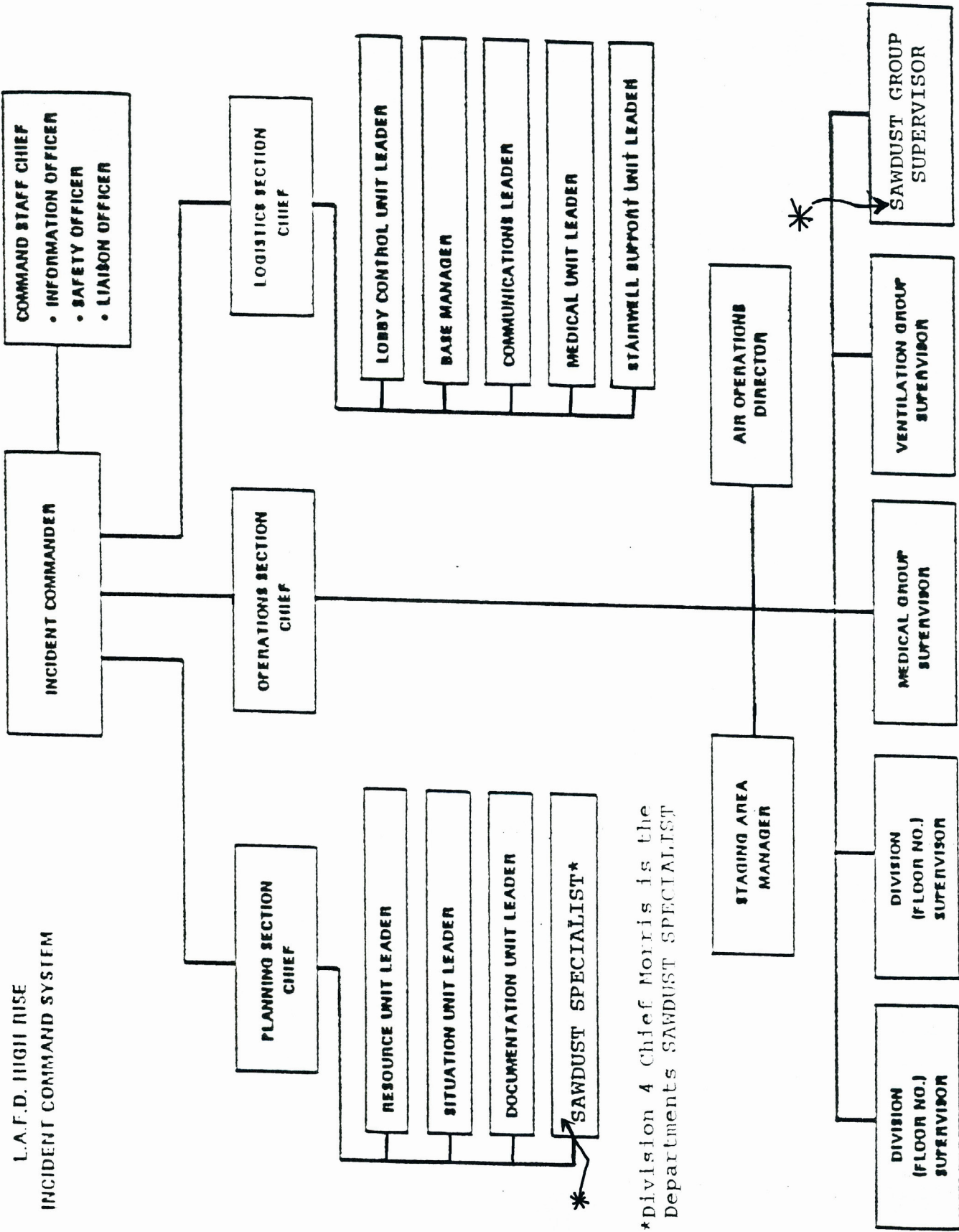
For Additional information on SAWDUST contact;

Chief Samuel L. Morris, Division 4
Fire Station 46 "A" Platoon 235-9169
Fire Station 33 "C" Platoon 971-8978

Supplemental Reading: The Division 4 Handbook, 4th edition
S. L. Morris LLP., pages 442-449



L.A.F.D. HIGH RISE
INCIDENT COMMAND SYSTEM



*Division 4 Chief Morris is the
Department's SAWDUST SPECIALIST

LOS ANGELES CITY FIRE DEPARTMENT
F-80 (6/83)

PART 1 - WHITE STORE
PART 2 - GRAY STORE
PART 3 - GOLDENROD STORE
PART 4 - GOLDENROD REQUISITIONING UNIT

LOS ANGELES CITY FIRE DEPARTMENT STORES REQUISITION

USE TO OBTAIN MATERIALS, OR SERVICE
FROM SUPPLY AND MAINTENANCE

137071

MATERIAL REQ.
CLOTHING REQ.
RETURN TO STOCK
LOAN

MAIL STOP # 255

DATE 1-12-84 DELIVERY ADDRESS F.S. 33, Batt. 13, Div. II

ISSUED FROM DEPT. 13000 FO

ISSUE TO DEPT. 045

LOC. 48

LINE	ITEM DESCRIPTION	STOCK CODE NUMBER	QUANTITY ORDERED	UNIT OF ISSUE	REQ. BY	QUANTITY ISSUED	BACK ORDER	JOB CODE	WORK ORDER NUMBER	SHOP #	ACCOUNT #	TOTAL COST
1	SAWDUST #2 2CU FT	7097487	1	SK		36	54 56 58 64	59	63	64	68 69 74	
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												

APPROVED BY

[Signature]

FILLED BY _____ DATE _____

B/O FILLED BY _____ DATE _____

137071

NAME _____

DATE _____

ASSIGNMENT _____

SAWDUST QUIZ

The SAWDUST Quiz is to be returned to Division 4 Headquarters no later than the next class meeting. A passing score of 70% is mandatory. Members with scores below %70 will be required to retake the SAWDUST training course.

1. How much does a #2 bag of SAWDUST weigh?
 - A. 20 lbs.
 - B. 22.5 lbs.
 - C. 23.5 lbs.
 - D. Not known.

2. After ordering, how many days does it normally take to receive an order of SAWDUST from Supply and Maintenance?
 - A. more than 3 days
 - B. less than 3 days
 - C. 3 days
 - D. None of the above.

3. A #2 bag of SAWDUST costs _____ dollars.
 - A. more than \$1.40.
 - B. less than \$1.40.
 - C. \$1.40
 - D. \$1.60

4. How many bags of SAWDUST are stored in reserve at Supply and Maintenance?
 - A. 400 bags
 - B. 450 bags
 - C. 500 bags
 - D. 550 bags

5. Which fire station is the official SAWDUST Depot?
 - A. Fire Station 50
 - B. Fire Station 14
 - C. Fire Station 33
 - D. Fire Station 10

6. How many reserve Salvage Companies are there?
 - A. 5
 - B. 7
 - C. 6
 - D. 8

* For extra credit list the stations with Salvage Companies.

7. The purpose of SAWDUST is to protect property from damage due to:
 - A. Smoke
 - B. Fire
 - C. Water
 - D. All of the above.

8. Upon arriving at the scene of a fire what must the SAWDUST OFFICER first ascertain?
 - A. Location of the fire.
 - B. Location of the water.
 - C. Location of the fire sprinklers.
 - D. Location of Chief Morris's Command Post

9. During a SAWDUST OPERATION it is not considered safe to lift more than ____ bags of SAWDUST?
 - A. 8
 - B. 10
 - C. 6
 - D. 5

10. A SAWDUST KIT contains ____ bags of SAWDUST.
 - A. 1
 - B. 2
 - C. 3
 - D. All of the above.

11. Supplemental reading regarding SAWDUST can be found in the:
 - A. Division 4 Lesson Plan
 - B. Division 4 Hand-Out
 - C. Division 4 Hand Book
 - D. Division 4 Training Bulletin

12. The SAWDUST GROUP SUPERVISOR reports to:
 - A. Staging Area Manager
 - B. Operations Section Chief
 - C. Incident Commander
 - D. The SAWDUST SPECIALIST

13. Who is the Los Angeles Fire Department SAWDUST SPECIALIST?
 - A. Captain Peterson
 - B. The SAWDUST GROUP SUPERVISOR
 - C. The First-In SAWDUST OFFICER
 - D. Division 4 Samuel L. Morris