

3.6.2.3 Protection of Facilities and Equipment



YOUR ORGANIZATION
STANDARD OPERATING PROCEDURES/GUIDELINES

TITLE: Protection of Facilities and Equipment

SECTION/TOPIC: Disaster Operations & Risk Management

NUMBER: 3.6.2.3

ISSUE DATE:

REVISED DATE:

PREPARED BY:

APPROVED BY:

X

Preparer

X

Approver

These SOPs/SOGs are based on FEMA guidelines FA-197

1.0 POLICY REFERENCE

CFR	
NFPA	
NIMS	

2.0 PURPOSE

This standard operating procedure/guideline addresses methods to protect fire department facilities, apparatus, and equipment from hazard impacts before and during disaster response.

3.0 SCOPE

This SOP/SOG pertains to all personnel in this organization.

4.0 DEFINITIONS

These definitions are pertinent to this SOP/SOG.

5.0 PROCEDURES/GUIDELINES & INFORMATION

5.1 Methods to protect Fire Department Facilities, Apparatus, and Equipment from Hazard Impacts before and during Disaster Response:

TECHNICAL DECON LINE PROCESS/STRUCTURE (EQUIPMENT)

Station #1 - Initial Wash

Personnel Requirements: 1 station attendant

Equipment requirements: Appropriate booster lines and nozzles

Station attendant will spray the vehicle and/or equipment for two to three minutes with water. Hot water, if available, is more effective at removing residual contaminants. Although undersurfaces are difficult to reach, they must be sprayed.

Station #2 - Decon Solution Application

Personnel Requirements: 1 Station attendants

Equipment Requirements: Spray devices, 5% Chlorine bleach solution, brushes

Station attendant will apply the decon solution to all areas of the equipment suspected of being contaminated. Make special effort to apply decon solution to undercarriage of vehicles driven in or through a contaminated area, particularly apparatus used in emergency gross decontamination.

Station #3 - Wait (Solution Contact Time)

Personnel Requirements: 1 Station Attendant

Equipment Requirements: Spray devices, 5% Chlorine bleach solution, brushes

Station attendant will allow the solution to stay on the vehicles/equipment for a minimum of fifteen minutes. Throughout the wait time, the attendant will observe the equipment and re-spray areas that dry from sunlight, heat or evaporation.

Station #4 – Rinse

Personnel Requirements: 1 Station attendants

Equipment Requirements: Appropriate booster lines and nozzles

Station attendant will spray vehicles and/or equipment for two to three minutes, paying particular attention to undersurfaces.

Station #5 - Equipment Monitoring

Personnel Requirements: 1 station attendants

Equipment Requirements: M8 chemical detection paper; Drager System; APD 2000 Chemical Agent Monitor;

Victorian instrument CDU-700 and Ludlum Model IIC Radiacmeters Station attendant will use the appropriate detection device to monitor for complete removal/neutralization of the identified contaminant. If Federal Agencies on the scene provide additional certification of decontamination, their process/requirements will be accommodated.

**CONTAMINATED
EQUIPMENT
DECONTAMINATION**

