


🌀 FIRE GROUND SAFETY INITIATIVE 🌀	
-Standard Operating Guideline-	-Number-
Standards for Response	SOG # 006
 St. Louis County FGSI Fire Ground Safety Initiative	Date Approved by the Fire Chiefs Association: 4-12-16
	Date Last Revised: 4-12-16
	Next Revision Date: 2019
	Review Date: <i>SOG Shall be reviewed annually by the AHJ</i>

Purpose

The purpose of the Standards for Response SOG is to provide guidelines for determining what resources are assigned to emergencies, and standards for emergency/non-emergency responses.

Scope

The areas of the SOG that will be covered are state statutes that govern emergency response, regional and national standards/trends for which equipment is dispatched on specific emergency calls, and how equipment responds.

The following is the Scope and Guidance from the Steering Committee on the Incident Management SOG:

The scope of this SOG is to identify and describe the required positions that are needed to safely manage an Emergency Services Incident in STLCO as outlined in:

- 1.) **NFPA 1561** - 2014 Edition – Standard on Emergency Services Incident Management System and Command Safety
- 2.) **NFPA 1710** - 2015/16 Edition – Standard for the Organization and Deployment of Fire Suppression Operations
- 3.) **NFPA 1521** - 2015 Edition – Standard for Fire Department Safety Officer Professional Qualifications
- 4.) **NFPA 1584** - 2015 Edition – Standard on the Rehabilitation Process for Members During Emergency Operations

This guideline shall establish industry best practices for the number of personnel and assignment of those personnel to safely manage and mitigate Emergency Services Incidents

This guideline shall establish uniform standards for the number and types of units dispatched to Emergency Services Incidents in STLCO, and shall establish the manner in which those units respond.

This guideline shall establish minimum standards and training certifications that are compliant with IFSAC and the National Incident Management System (NIMS) for fire service personnel who perform duties related to the management of Emergency Services Incidents.

Guideline

FIRE CALL NATURES	
1st Alarm	- Six fire apparatus; at least one shall be an aerial - Two ambulances - Two command officers
	<ul style="list-style-type: none"> • Initial response for a structure fire. • Add three tenders, and an additional command officer for non-water areas.
2nd Alarm	- Six fire apparatus; at least two shall be aerials - One ambulance - Two command officers
	<ul style="list-style-type: none"> • Full alarm assignment for a <i>confirmed</i> or <i>suspected</i> working commercial fire. • A Level 2 staging should be established. • Dispatch shall ask the on scene commander if additional tenders are needed for non-water areas. • Dispatch shall ask the on scene commander if they want an overhead response team, and air cascade.
3rd Alarm	- Six fire apparatus; at least two shall be aerials - One ambulance - Two command officers - Overhead response team, and air cascade if not already dispatched.
	<ul style="list-style-type: none"> • Full alarm assignment for a <i>confirmed</i> or <i>suspected</i> working high-rise fire. • A level 2 staging location should be established. • Dispatch shall ask the on scene commander if additional tankers are needed for non-water areas. • Dispatch shall ask the on scene commander if they want a Level I MCI.
Additional Alarms	- Six fire apparatus; at least two shall be aerials - One ambulance - Two command officers
	<ul style="list-style-type: none"> • If aerials are needed then they should be specifically requested.
Fire Still Alarm	- One fire apparatus
	<ul style="list-style-type: none"> • Including, but not limited to: Dumpster fire, vehicle fire, transformers, lockout with endangerment, residential fire alarm, grass/mulch, appliance- residential.

Fire Still Alarm- Minor	- Two fire apparatus (1 st in urgent, 2 nd on the quiet) - One command officer (on the quiet)
	<ul style="list-style-type: none"> • These are still alarms in a commercial building- fire alarm, check the building, water endangering electrical, appliance, flue fire. Also included are other various alarms that require equipment above the minor level.
Fire Still Alarm- Target Hazard	- Three fire apparatus (1 st in urgent, 2 nd & 3 rd on the quiet) - One command officer (on the quiet)
	<ul style="list-style-type: none"> • Alarms for commercial special target hazard buildings as determined by the authority having jurisdiction.
1st Alarm- Brush	- Four brush trucks - Two fire apparatus - One command officer
	<ul style="list-style-type: none"> • In areas with no water two tenders are added.
Vehicle Fire- Highway	- Two fire apparatus - One command officer
Fires in Commercial Vehicles (Interstate)	- Six fire apparatus; at least one shall be an aerial - One ambulance - One command officer
	<ul style="list-style-type: none"> • Commercial vehicles such as trailers, RV's, public transportation
Fires in Commercial Vehicles	- Two fire apparatus - One command officer
	<ul style="list-style-type: none"> • Commercial vehicles such as trailers, RV's, public transportation

RESCUE CALL NATURES	
Rescue Still	- One fire apparatus
	<ul style="list-style-type: none"> • Child locked in a vehicle or building, etc.
Rescue Still Alarm- Minor	- Two fire apparatus - One ambulance - One command officer
	<ul style="list-style-type: none"> • Elevator rescue illness, etc. • Industrial accident • Machinery entrapment

Vehicle Accident	<ul style="list-style-type: none"> - One fire apparatus - One ambulance
Vehicle Accident-with Entrapment	<ul style="list-style-type: none"> - Two fire apparatus; one shall be considered a rescue - One ambulance - One command officer
Vehicle Accident-Highway Response	<ul style="list-style-type: none"> - Two fire apparatus; one shall be considered a rescue - One ambulance - One command officer
Divided Highway Response (any incident on a divided highway)	<ul style="list-style-type: none"> - Two fire apparatus; one shall be considered a rescue - One ambulance - One command officer. <ul style="list-style-type: none"> • One fire apparatus shall respond from the opposing direction.
Rescue Major	<p>Organizational Incident Response Plus Closest 3 USAR Resources, 2246, 4488 and Rescue Duty Officer.</p> <ul style="list-style-type: none"> • Vehicle Rescue – Significant extrication operation the on scene IC can declare a Major Rescue and fill out the balance of the alarm. • Structural Building collapse- Add structural engineer 3506. • High Angle Rescue. • Confined Space Rescue – Add HM 23 and Haz Mat Duty Officer, Add Air Cascade 3527. • Trench Collapse Rescue- • Initial response to potential Tornado /severe storm struck area dispatch to a staging area chosen by IC or CCE. • Confirmed WMD Scene/Explosion with Structural Building Collapse add Mass Decon unit, add Hazmat Major response. • Commercial Aircraft Crash (Alert 3). • Train derailment with rescue.
Water Rescue	<p>One fire apparatus, one ambulance, one command officer.</p> <ul style="list-style-type: none"> • Drowning in a Swimming Pool • Drowning in a Lake – Victim at Shore • Drowning in a River – Victim at shore
Water Rescue Major- Non Moving Water	<p>Organizational incident response plus closest two boats, dive team, and rescue duty officer.</p> <ul style="list-style-type: none"> • Drowning in a Lake – Victim Missing Confirmed. • Ice Rescue in a Lake (Add closest 2 USAR-Heavy units). • Vehicle into lake or pool persons trapped.

Water Rescue Major- Moving Water	Organizational incident response plus closest three boats, swift water support trailer, metro air support unit, and Rescue Duty Officer (Dive Team placed on alert).
	<ul style="list-style-type: none"> • Drowning in a River – Victim Missing. • Missing Boat on the River. • Ice Rescue in a River (Add closest 2 USAR-Heavy units). • Bridge Jumper in River or Threatening to Jump. • Vehicle in Moving Water. • Aircraft Crash in the River. • Significant rain event for water rescue majors may be altered by region C mutual aid coordinator and or CCE 911.

EMS CALL NATURES	
EMS Still Alarm- Minor	- One ambulance
EMS Still Alarm- Major	- One fire apparatus - One ambulance
MCI Levels I, II, III	- Five ambulances - Two fire apparatus - One medical officer - One command officer • MCI level II, and III add an additional five ambulances for each one.

SERVICE CALL NATURES	
Service Call- Still Alarm	- One fire apparatus (non-urgent) • Smoke in the area, odor in the area, downed wires, transformers, lock-out w/out endangerment, stalled elevator without illness, check the building, water endangering electrical, assist police, wash down, pet in a vehicle.
Odor of Gas- Outside	- One fire apparatus
Move-Up	- Requested asset (non-urgent)

HAZARDOUS MATERIALS CALL NATURES	
Hazmat Still Alarm- Minor	<p>One fire apparatus, one command officer</p> <ul style="list-style-type: none"> • Fuel Spill Less than 55 Gallons. • Known or Unknown substance in an intact container not leaking or spilled. • Assist PD with an unknown substance or drug lab. • White Powder letter –Low index of suspicion. • CO Alarm with illness (Add Ambulance)
Gas Leak Inside	<p>- Six fire apparatus; at least one shall be an aerial - Two ambulances - Two command officers</p> <ul style="list-style-type: none"> • Residential and Commercial
Odor of gas inside (Commercial)	<p>- Two fire apparatus - One command officer</p>
Odor of gas inside (Residential)	<p>- Fire apparatus</p>
Hazmat- Major	<p>Organizational Incident Response Plus- HM23, DECON UNIT (north or south Box truck), HM Duty Officer, Type II Haz Mat Team.</p> <ul style="list-style-type: none"> • Known or Unknown substance leaking or spilled from a container or in a damaged container. • Overturned Tank truck on a roadway. • Overturned Placarded truck on a roadway with a spill or leak present. • Train Derailment with chemical or containers. • Commercial Aircraft Crash. • 2nd Alarm Fire at a known Chemical Facility – involving product • Chemical gas or chemical fluid leak at a Commercial facility. • Confirmed WMD Scene/Explosion with Structural Building Collapse add Mass Decon unit, add Rescue Major response.

Haz Mat and Rescue Notification

NOTE: INFORMATIONAL TEXT TO ALERT REMAINING PERSONNEL AND UNITS OF THE INCIDENT AND POTENTIAL DEPLOYMENT TO THE STAGING AREA FOR TEAM DEPLOYMENT

Rescue Example

Advisory - No action required – Advisory Only – A major rescue for confined space incident @ 1234 Smith Street in Spanish Lake is in progress. No action required.....

Alert – The USAR resources have deployed for the major rescue for confined space @ 1234 Smith Street in Spanish Lake. The situation may require additional resources. On duty personnel should prepare for activation. – On duty personnel only – Alert only do not deploy.

Activation – The USAR system has been activated for the major rescue confined space @ 1234 Smith Street in Spanish Lake. On duty Rescue Technicians report to Staging @ Smith Street and Jones Street.

-On duty personnel only - Off duty personnel do not self-deploy-

Haz Mat Example

Advisory - No action required – Advisory Only – There is a Major Haz Mat call for chemical leak @ 1234 Smith Street in Spanish Lake is in progress. No action required.....

Alert – Haz Mat resources have deployed for a chemical leak @ 1234 Smith Street in Spanish Lake. The situation may require additional resources. On duty Haz Mat Technicians should prepare for activation. – On duty personnel only – Alert only - do not deploy.

Activation – The Haz Mat Team has been activated for a chemical leak @ 1234 Smith Street in Spanish Lake. On duty personnel report to staging @ Smith Street and Jones Street. On duty personnel only - Off duty personnel do not self-deploy-

Exceptions

Exceptions may be made when weather conditions, time of day, type of units responding, etc., may dictate a change in this guideline. Engineers, Officers, Firefighters and Paramedics shall use best judgment and common sense when making vehicle safety decisions.