



BENCH MARK DRILLS SOG

SCOPE

This guideline applies to all members of the Stoney Point Fire Department and shall be adhered to by all members. This SOG addresses the mandatory annual Bench Mark (BM) Drills for all Department members.

PURPOSE

Bench Mark Drills encompass “bread and butter” fireground tasks and operations commonly conducted by the first and second arriving engine companies. The tasks and operations are inherent to SPFD operations and serve as the foundation for structural firefighting operations and advanced firefighting operations. Bench Mark Drills are mandatory and must be completed annually.

This SOG provides guidance on Bench Mark Drills. It addresses and outlines the Bench Mark Drills to be practiced, trained and validated by the Department.

DEFINITIONS

SHALL - Indicates a mandatory requirement.

STANDARD OPERATING GUIDELINE (SOG) - Documents that help establish how an organization will operate and how its members are expected to carry out specific duties outlined in general terms.

Bench Mark Drills – a series of nine (9) basic engine company drills which are specific in task, timed and aligning with NFPA 1410 (2005), Training for Initial Emergency Scene Operations. These drills equate to tasks and operations executed by an engine company during the first five (5) minutes of arrival at a structural fire.

IAW – In accordance with.

Range Walk – a rapid, quick walk reflecting a purpose.

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**BENCH MARK TRAINING GUIDELINES****SPFD Bench Mark Drills**

SPFD Bench Mark 1 – Ref: NFPA 1410 1-Offensive Single Engine: Hand line-Forward Lead Out Objective: To place an initial attack line (1 ¾") of minimum 150' and a back-up line (2 ½") of minimum 150' in-service, using units and staffing of the average number of personnel that ordinarily respond. Water supply shall be established with minimum 300' of 5" hose.

SPFD Bench Mark 2 – Ref: NFPA 1410 2-Offensive Two Engines: Hand line-Reverse Lead Out Objective: To place an initial attack line (1 ¾") of minimum 150' and a back-up line (2 ½") of minimum 150' in-service flowing a minimum of 300 GPM using units and staffing of the average number of personnel that ordinarily respond. A reverse lead out from a second engine to water supply shall be established with minimum 300' foot of 3 inch or 5 inch.

SPFD Bench Mark 3 – Ref: NFPA 1410 4 Offensive Single Engine: Handline-Reverse Lead Out and 8 Defensive Single Engine: Master Streams (Pre-Piped) Objective: Using a 2 ½ inch gated wye appliance or portable hydrant, place an initial attack line (1 ¾ inch) of a minimum of 150 feet and a back-up line (2 inch) of a minimum of 150 feet in-service using units and staffing of the average number of personnel that ordinarily respond. Transition to flowing the apparatus mounted deck gun between 500 and 700 GPM once hydrant water is established.

SPFD Bench Mark 4 – Ref: NFPA 14- 7 Defensive Single Engine: Master Streams (Portable) and 12- Offensive Single Engine: Sprinkler Connection – Reverse Lay Objective: Establish a portable master stream attack utilizing the dismantled deck gun with 300 feet of 3 inch or 5 inch line. A minimum of 500 GPM must be flowing from the nozzle. Tank water may be used until the hydrant supply is established. Once the deck gun is flowing 500 GPM, shut down and change to a 2 inch tip. Flow 1000 GPM for 1 minute before shut down. A maximum of 10 seconds of interruption in flow is allowed.

SPFD Bench Mark 5 – Ref: NFPA 1410 6 Drafting Operations: Single Engine from a Drop Tank Objective: Using two engines, place an initial attack line (1 ¾ inch) of a minimum of 150 feet and a back-up line (2 inch) of a minimum of 150 feet in service using units and staffing of average number of personnel that ordinarily respond. Water supply shall be established from a drop tank filled by the second engine.

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SPFD Bench Mark 6 – Vertical Ventilation of a Peaked Roof Objective: To affect vertical ventilation by cutting a 4 inch by 4 inch hole in the roof. Using the roof simulator, firefighters will place ladders, climb to the working area and cut the ventilation hole.

Bench Mark 7 – Dump Tank ISO Drill Objective: Through tanker shuttle, establish a 1 or 2 dump tank dump site and a fill site to support the dump tank operation. Within 5 minutes of arrival, flow 250 GPM. Note: Depending upon the availability of assets, drill may be conducted with one dump tank at the discretion of the senior officer at the drill.

COORDINATING INSTRUCTIONS

- All firefighters minus the Engineer will be in full PPE and SCBA. It is not necessary to breathe air.
- Safety is paramount. The senior officer will assign one officer or firefighter as the Safety Officer. Safety Officer will have operational override authority.
- Firefighter will range walk on the fireground. No running is allowed.
- All personnel (observers, Engineers, Safety Officer) other than the firefighters participating in the Bench Mark Drill will wear helmets during execution of the operation.
- Time will be recorded using a stop watch.
- The senior officer will annotate firefighters who participated and completed the Bench Mark Drill (to standard) on a training report. This report will include the time(s) the Bench Mark Drill was completed within.

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