



HONOR ★ DUTY ★ COURAGE

San Antonio Fire Department Firefighting Bunker Gear



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In the interest of evaluating new material technologies, innovative gear design, evaluating enhanced or updated products, and for the purpose of establishing a new specification; the San Antonio Fire Department (SAFD) Firefighting Personal Protective Equipment Committee will conduct field evaluations for the following items:

- 1) Firefighting bunker gear (coat and pant).
- 2) Bunker gear composite manufacturers.
- 3) Bunker gear cut and sew manufacturers.

To properly assess all aspects of bunker gear coat and pant a firefighter bunker gear wear trial is planned to begin no later than April 2026 and conclude no earlier than March 2027.

All manufacturers that produce their products in the USA are invited to participate. The following parameters will apply to all products and all participants:

- A minimum of six with no maximum amount of each product shall be submitted.
- All products must meet the current applicable NFPA 1970 Standard.
- Participants will ensure that correct sizing is provided for each evaluator wearing their product.
- Participants must ensure that training is provided to meet any applicable aspects of the current issue of NFPA 1850.
- The composite garment shall be rated at a Thermal Personal Protection; TPP, no less than 44 and no greater than 46; and a Total Heat Loss above SAFD current 245.
- Resistance to Evaporation Heat Transfer of no more than 28.
- The color of the shell material should be a tan, khaki, or gold unless otherwise approved by SAFD. SAFD is not looking for a black, red, or orange outer shell.
- The thermal barrier should be a naturally moisture wicking material.

- The reflective trim used shall be an NFPA approved trim with the names of the firefighter evaluators on the tail nameplate in NFPA approved orange reflective trim.
- All participants must present the appropriate NFPA 1970 and NFPA 1850 Technical Data Package for their product before being accepted to participate.
- Any style, seam, stitching, design concept, and innovation already included as part of the current SAFD specification should take precedent in construction of gear submitted unless an approved equal or alternative is allowed by SAFD.
- All products submitted and accepted for evaluation become the property of the San Antonio Fire Department.
- The San Antonio Fire Department retains ownership of all data collected during this evaluation. Data will be released to individuals in a timely manner deemed by the department. Data will be released to individual companies solely upon their request and only data concerning said company will be shared.
- The City of San Antonio Fire Department reserves the right to integrate the newest advancements in textiles, component materials, and outer-shell technologies used in a full structural firefighting ensemble.

Appropriate manufacturers are invited to present their information January 12-14th 2026 at the San Antonio Fire Department Training Academy 300 South Callaghan, San Antonio, Texas 78227 to the SAFD PPE Committee and any other interested parties within the department. Products or goods may be sent ahead to the San Antonio Fire Department Training Academy care of Captain Dean Watson/ SAFD Firefighting PPE Committee.

Presentations will begin at 9:00 am. Each manufacturer shall be allowed no more than 45 minutes to present. Presentation order will be selected randomly. All Presentations will be conducted in person (no remote meetings). Please reply via e-mail if coming or sending a representative. The San Antonio Fire Department reserves the right to refuse acceptance or evaluation any product it finds not appropriate for its needs.

Any replies or questions should be submitted to Engineer Albert Rodriguez – SAFD Firefighting PPE Committee Chairman, Albert.Rodriguez@sanantonio.gov.

Thank you,
Safety Division Chief. Matt Lodge.