

Appendix A - Evaluation

- (i) Participation:**
 - a. Eight (8) WFPS Firefighters
 - b. One (1) PPE Technician
- (ii) Measurements/Sizing:**
 - a. Each participant will be fitted and supplied with the appropriate size of pants and shirts
- (iii) Scoring:**
 - a. The evaluation shall be scored using a scale similar to:

Scores (example)

| | | | | | |
|--------------------|--------------------------|------------------------|----------------------|------------------------|------------------|
| VERY UNCOMFORTABLE | MODERATELY UNCOMFORTABLE | SLIGHTLY UNCOMFORTABLE | SLIGHTLY COMFORTABLE | MODERATELY COMFORTABLE | VERY COMFORTABLE |
|--------------------|--------------------------|------------------------|----------------------|------------------------|------------------|

- b. The evaluations will be converted to a numerical score, where each item on the scale represents a numerical value. For example, “Very Uncomfortable” is represented by the value of one (1) and “Very Comfortable” is represented by the value of six (6).
- c. The scores will be tallied for a total of fifty (50) points (6 points per test for 8 tests plus one for 2 point) .
- d. The total score will be converted to represent a score out of 55 points.
- e. Participants will be provided the opportunity to leave a comment after each test, the comments will be in correlation with the score provided.
- f. Evaluators will wear trial each garment for 4 operational tours of duty.
- g. The Proponents will be provided one (1) day for measuring of trial turnout gear.

WFPS Station Uniform Clothing Evaluation and Scoring 2023

Evaluated Clothing Brand: _____ Date: _____

Shirt / Pant (circle)

Evaluator/Technician Name: _____

Signature: _____

1) Initial Fit and Comfort (Pre-Washing)

- a. Each evaluator will assess for personal fit and comfort using the 6 point scale.
(circle one)

| | | | | | |
|--------------|------|------|------------|------|-----------|
| UNACCEPTABLE | POOR | FAIR | ACCEPTABLE | GOOD | EXCELLENT |
|--------------|------|------|------------|------|-----------|

COMMENTS:

2) Fit (Post-Washing as washed by each evaluator during trial period)

- a. Each evaluator will assess for personal fit and comfort using the 6 point scale.
(circle one)

| | | | | | |
|--------------|------|------|------------|------|-----------|
| UNACCEPTABLE | POOR | FAIR | ACCEPTABLE | GOOD | EXCELLENT |
|--------------|------|------|------------|------|-----------|

COMMENTS:

3) Overall Comfort Test

- a. Each evaluator will wear the clothing item during the trial period assessing for overall comfort in work related emergent and non-emergent operations and overall comfort using the 6 point scale (circle one).

| | | | | | |
|--------------------|--------------------------|------------------------|----------------------|------------------------|------------------|
| VERY UNCOMFORTABLE | MODERATELY UNCOMFORTABLE | SLIGHTLY UNCOMFORTABLE | SLIGHTLY COMFORTABLE | MODERATELY COMFORTABLE | VERY COMFORTABLE |
|--------------------|--------------------------|------------------------|----------------------|------------------------|------------------|

COMMENTS:

4) Comfort/function with Turnout Gear

- a. Evaluators shall wear the clothing item under turnout gear during normal operations and evaluate turnout gear interaction, impact on gear donning/doffing and temperature regulation using the following 6-point scale:

| | | | | | |
|-----------------------|-----------------------------|---------------------------|-------------------------|---------------------------|---------------------|
| VERY UNCOMFORTABLE | MODERATELY UNCOMFORTABLE | SLIGHTLY UNCOMFORTABLE | SLIGHTLY COMFORTABLE | MODERATELY COMFORTABLE | VERY COMFORTABLE |
|-----------------------|-----------------------------|---------------------------|-------------------------|---------------------------|---------------------|

COMMENTS:

5) Individual durability/wear assessment

Each evaluator will evaluate the wrinkle resistance, wear and fading/color fastness of the clothing item at the conclusion of the trial period for that garment.

| | | | | | |
|--------------|------|------|------------|------|-----------|
| UNACCEPTABLE | POOR | FAIR | ACCEPTABLE | GOOD | EXCELLENT |
|--------------|------|------|------------|------|-----------|

COMMENTS:

6) Washing/Inspection

One of each clothing item as supplied shall be washed and dried 20 times by WFPS PPE Branch according to supplied manufacturer's instructions and then re-inspected for quality and workmanship including but not limited to seams, stitching, wrinkle resistance, fabric degradation and fading and scored according to the 6 point scale (circle one).

a) Fading/color fastness

| | | | | | |
|--------------|------|------|------------|------|-----------|
| UNACCEPTABLE | POOR | FAIR | ACCEPTABLE | GOOD | EXCELLENT |
|--------------|------|------|------------|------|-----------|

| |
|-----------|
| COMMENTS: |
|-----------|

b) Wear/durability

| | | | | | |
|--------------|------|------|------------|------|-----------|
| UNACCEPTABLE | POOR | FAIR | ACCEPTABLE | GOOD | EXCELLENT |
|--------------|------|------|------------|------|-----------|

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|-----------|
| COMMENTS: |
|-----------|

7. NFPA

Each clothing item will be scored as NFPA certified, compliant or none.

| | | |
|-------------------------|----------------|----------------|
| Not certified/compliant | NFPA compliant | NFPA Certified |
| 0 | 3 | 6 |

8. Union made

Each clothing item will be scored union made or not union made.

| Not Union Made | Union Made |
|----------------|------------|
| 0 | 2 |