



Home Office

# **Home Office Body Armour Standard 2017 – Test Guidance: Changes to certified model**

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# Contents

Introduction	2
Changes in panel sizes required (e.g a larger large/smaller small than currently certified	3
A change in material provider is required by the manufacturer	4
A change in construction is required by the manufacturer	5
A change in stitching/taping is required by the manufacturer	6

# Introduction

This document is to act as a guidance in the Body Armour testing process to the Home Office Body Armour Standard (Pub.012/17) for accredited test houses and manufacturers. It is to be used in conjunction with the Standard to provide clarity on some testing aspects.

Note: The changes listed below are for a certified armour. In all cases the technical file and associated documentation will require updating, resubmission to Home Office and review by the Test House prior to test.

## Changes in panel sizes required (e.g a larger large/smaller small than currently certified)

See section 3.6.2. If the construction and materials are unchanged the following processes apply:

1. If the PQT is due within 2 months, a full INITIAL for these sizes, as detailed within the standard must be completed with the additional sizes required used to replace the extremities of the size range as required.
  - a. This is still listed on the CoA and CoA Summary as a PQT test.
  - b. If a Smaller or Larger Formed armour is produced, then only the flat panel in these sizes will be tested due to constraints if the moulds.
2. If the PQT is not due for >2 months, additional testing will be required:
  - a. Only the new sizes need to undergo INITIAL tests as detailed within the standard.
  - b. The existing CoA and Certificate is updated with the new Size range however the certificate expiry and Test reference remain unchanged until full PQT test has taken place.
  - c. If a Smaller or Larger Formed armour is produced, then only the flat panel in these sizes will be tested due to constraints if the moulds. Start text here.

# A change in material provider is required by the manufacturer

If a change a material provider is required but the construction of the armour and material properties remain the same:

1. Home Office must be consulted prior to any change or test.
2. If Home Office approve this change, a full PQT test, as detailed within the standard must be completed **on all models** affected by the change in material provider. Start text here.

# A change in construction is required by the manufacturer

If a change in material lay-up, material or number of layers is required, this will be deemed as a new model.

1. Home Office must be informed immediately.
2. This new model requires a new model number, technical file and initial testing followed by PQT to be completed.

# A change in stitching/taping is required by the manufacturer

If the materials and layers remain the same but the stitching/taping requires changes:

1. Home Office must be consulted prior to any test.
2. A revised Technical File must be submitted for review and approval prior to test.
3. Should the change to stitching be minimal, a full PQT test as detailed within the standard must be completed on all models affected by the change.
4. Should the change in stitching be deemed by Home Office as a significant change in construction then this will be deemed a new model and will require a new model number, technical file and initial testing followed by PQT to be completed.

## Abbreviations

Abbreviation	Full Description
BAS17	Body Armour Standard 2017
PED	Police Equipment Database
PQT	Production Quality Test



