



Home Office

Home Office Body Armour Standard 2017 - PQT Certification: Manufacturer SOP Guidance

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Any enquiries regarding this publication should be sent to us at PEDwebsite@homeoffice.gov.uk.

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Introduction

This document is to act as a guidance in the Body Armour testing process to the Home Office Body Armour Standard 2017 (Pub. 012/17) for body armour manufacturers. It is to be used in conjunction with that Standard and covers the processes outside of those listed in that document.

Process maps for the below are located in the Annex to this SOP.

Manufacturer

1. Ensure technical file and proforma (BAS17#01) is completed with all necessary details using technical file review document (BAS17#02). Technical file will include:
 - a. Photographs of armour construction and stitching to aid in test house construction checks.
 - b. A copy of the Initial Certificate
2. Identify a test house from the details listed on the PED.
3. Agree and confirm test date with test house.
4. Send technical file, proforma and technical file review document to chosen test house and the Home Office at PEDwebsite@homeoffice.gov.uk
 - a. PQT tests **must** be completed by alternative test houses to that used for the previous test (Initial or PQT).
5. If issues found, test house will contact you with details of the issue and any required information.
6. If no issues are found test house will inform you that they intend to test on the date agreed.
 - a. At this point armour should be sent to the Test House for assessment.
7. If armour fails to meet requirements of Standard during PQT, test house will inform Home Office and manufacturer, sharing results of failure.
 - a. Test House will send non-conformance form (BAS17#09) to manufacturer and Home Office.
 - b. Manufacturer must perform PQT Investigation (See BAS17 - Section 10.9) prior to retest.
 - c. A model can have **no more than 3 attempts to meet ILM requirements unless agreed by Home Office**
 - d. If armour continues to fail PQT a manufacturer can elect to withdraw this model. Home Office must be informed of this decision and will remove its details from PED.
8. If armour meets the requirements of the Standard, test house will send confirmation of accreditation (BAS17#06), CoA summary (BAS17#07), technical file review document (BAS17#02) and PQT results sheet (BAS17#04) to Home Office.

9. Home Office will
 - a. update PED with certified armour PQT details.
 - b. Send PQT certificate to Manufacturer.
10. A copy of the certificate should be added to the technical file by the manufacturer for any reference during any future PQT tests.
11. Manufacturer should retain one sample (intact, taken from the production line) of the first PQT armour of each model for 10 years or lifetime of armour (whichever is longer); and make available on request. Subsequent PQT samples of each model may be retained by the manufacturer, but this is not a Home Office requirement.

Abbreviations

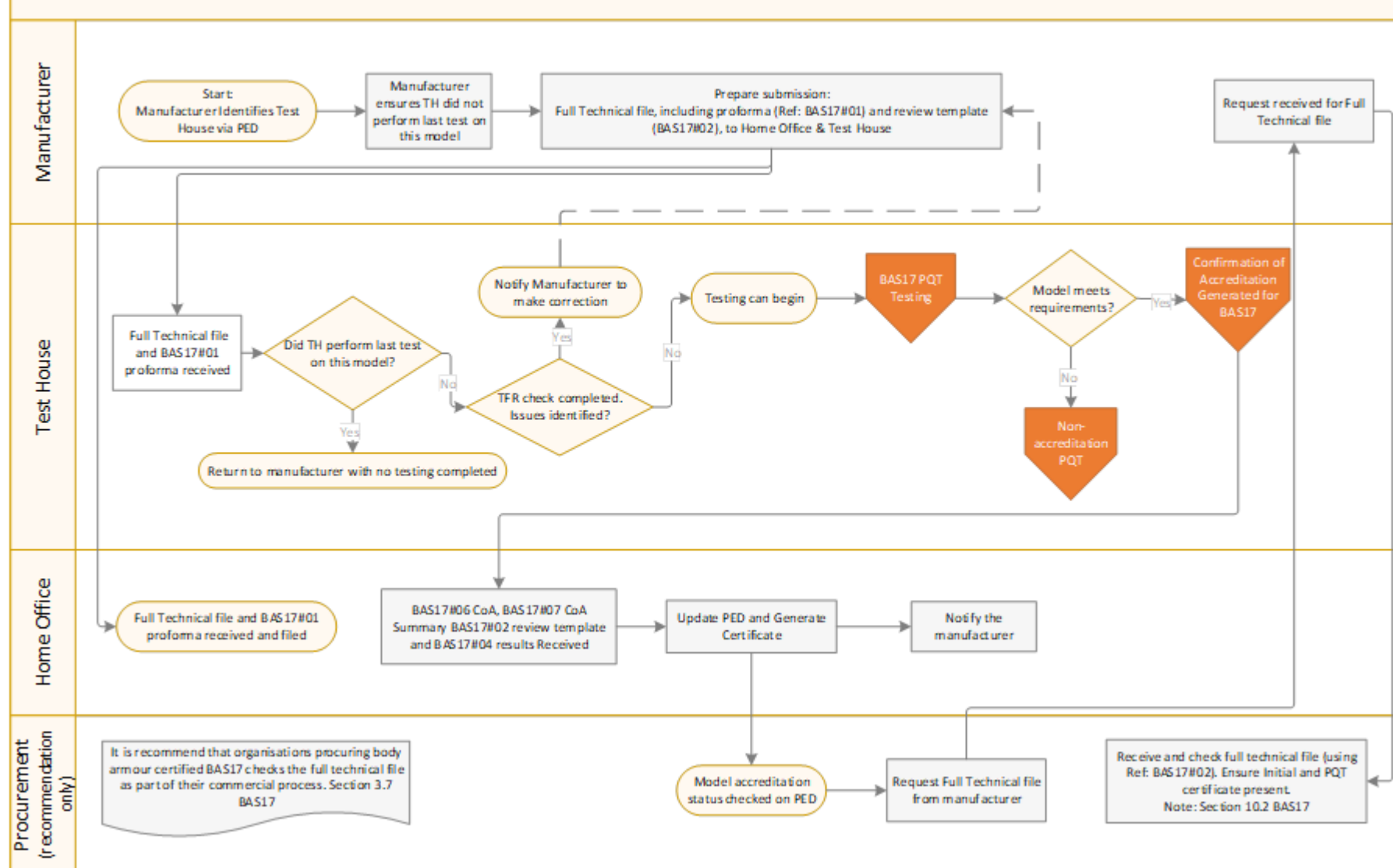
Abbreviation	Full Version
BAS17	Body Armour Standard 2017
CoA	Confirmation Of Accreditation
HO	Home Office
PED	Police Equipment Database
PQT	Production Quality Test
SOP	Standard Operating Procedure

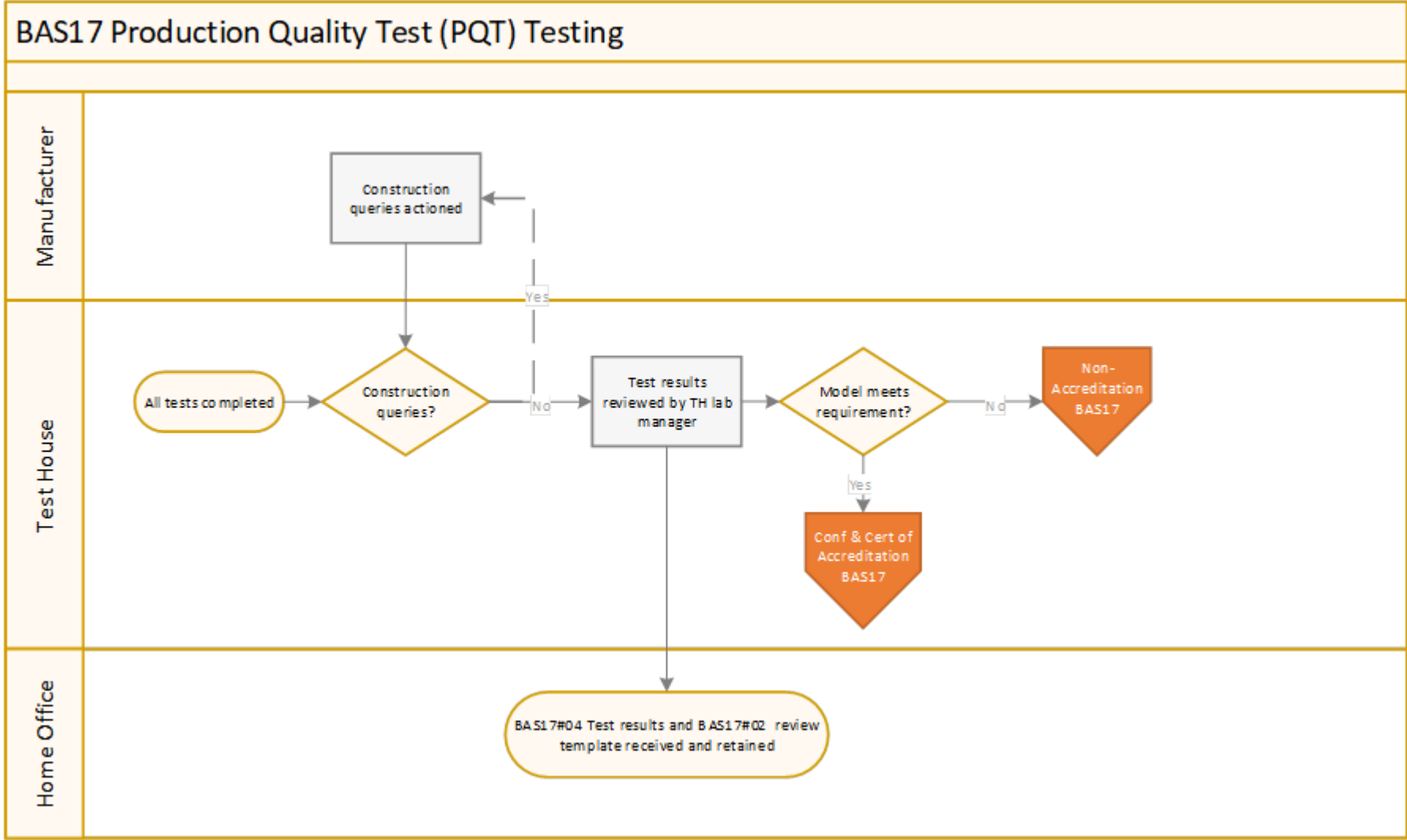
Annex 1

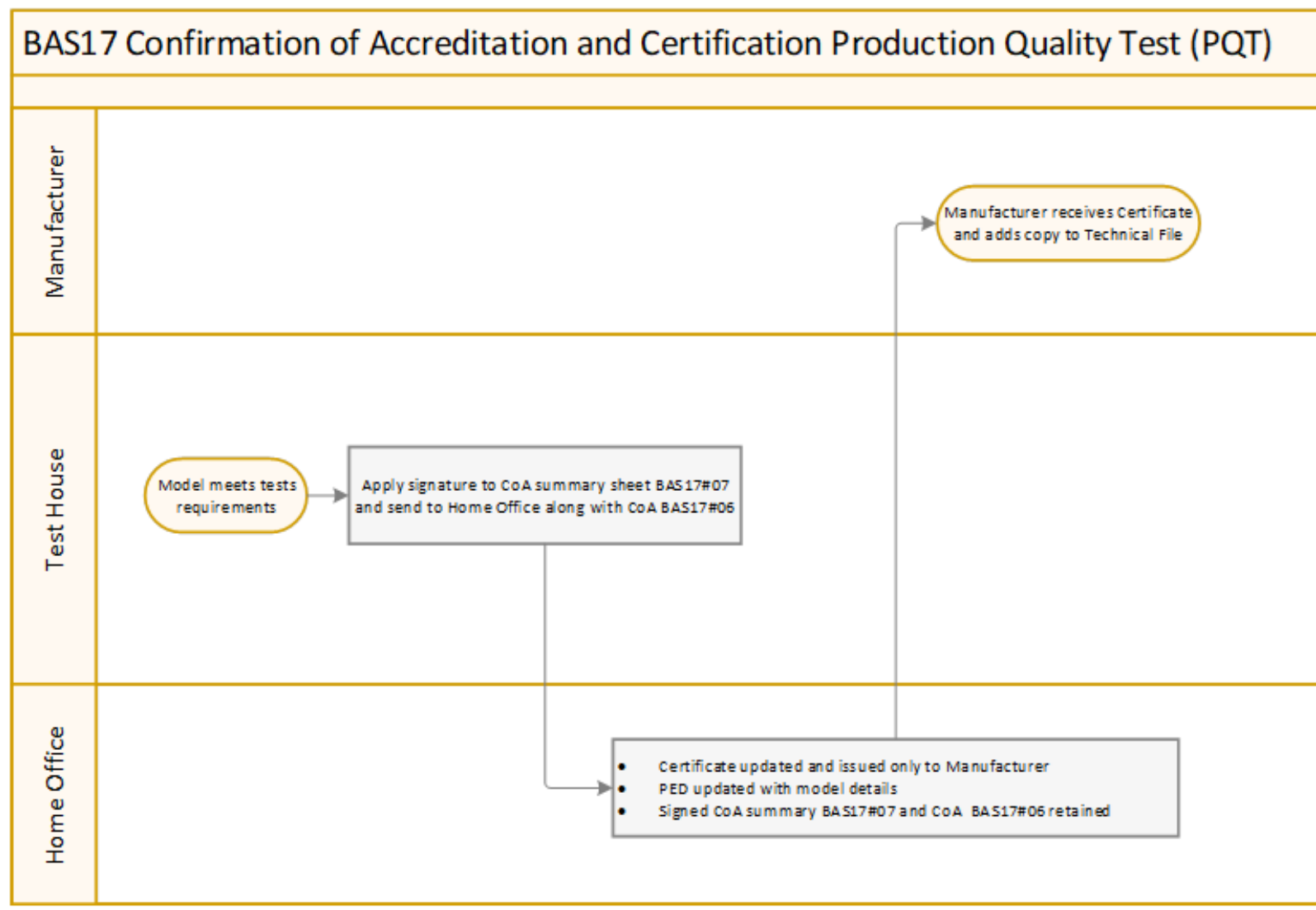
BAS17 PQT Process maps

Process Maps: Pages 6-10

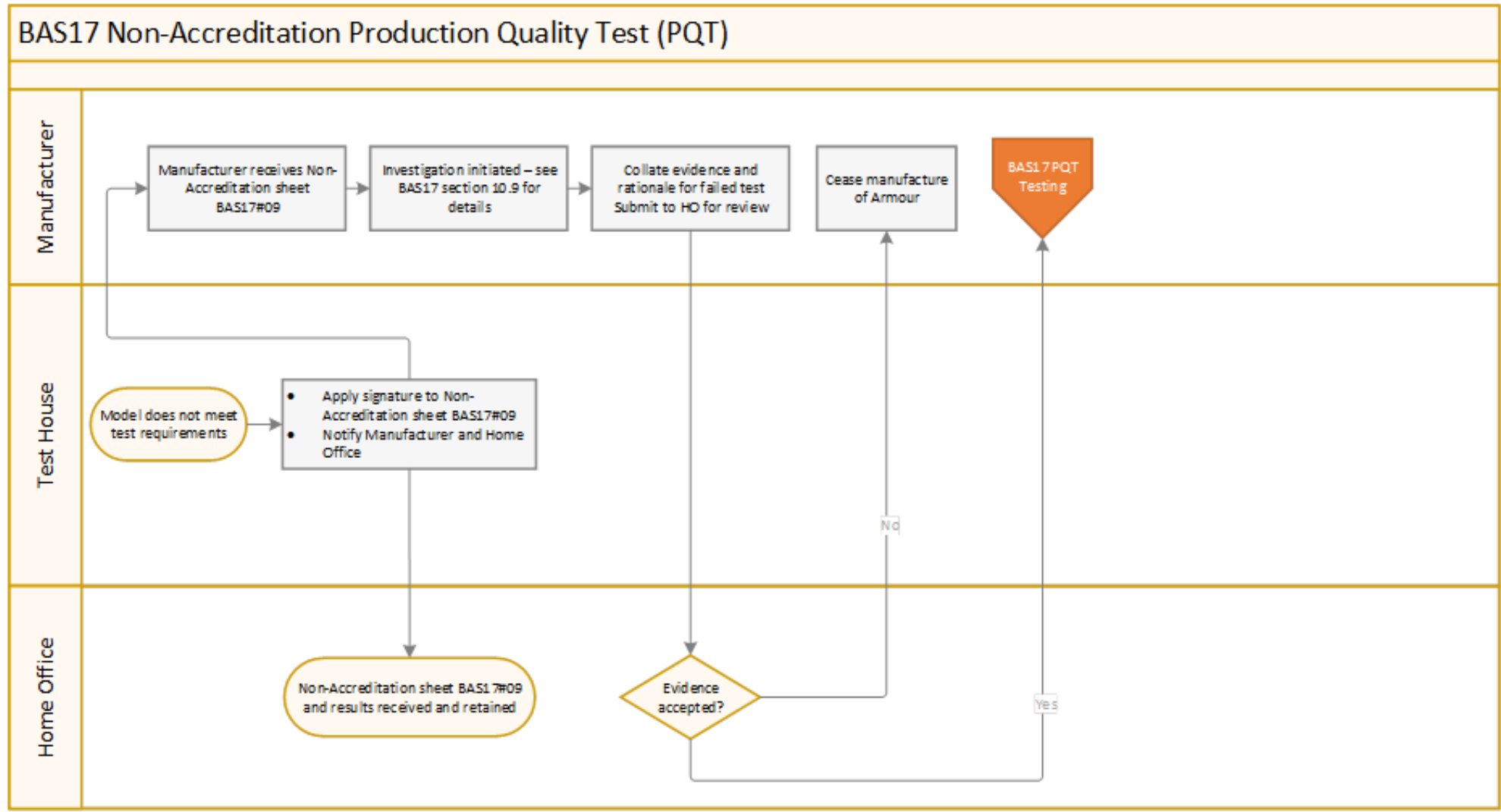
BAS17 Production Quality Test (PQT) Overview







BAS17 Non-Accreditation Production Quality Test (PQT)



Key to Basic Shapes in PPE TH Process flow



Start or end of
process



Process Step



Off Page
Reference



Action or
communication
with
documentation



Communication of
outcome
no documentation



Decision Point



Additional
information/advice

