

APPLICANT ROADMAP

Applying for ASME BPE + U Certification

A coordinated path for pressure-vessel
manufacturers seeking both designators

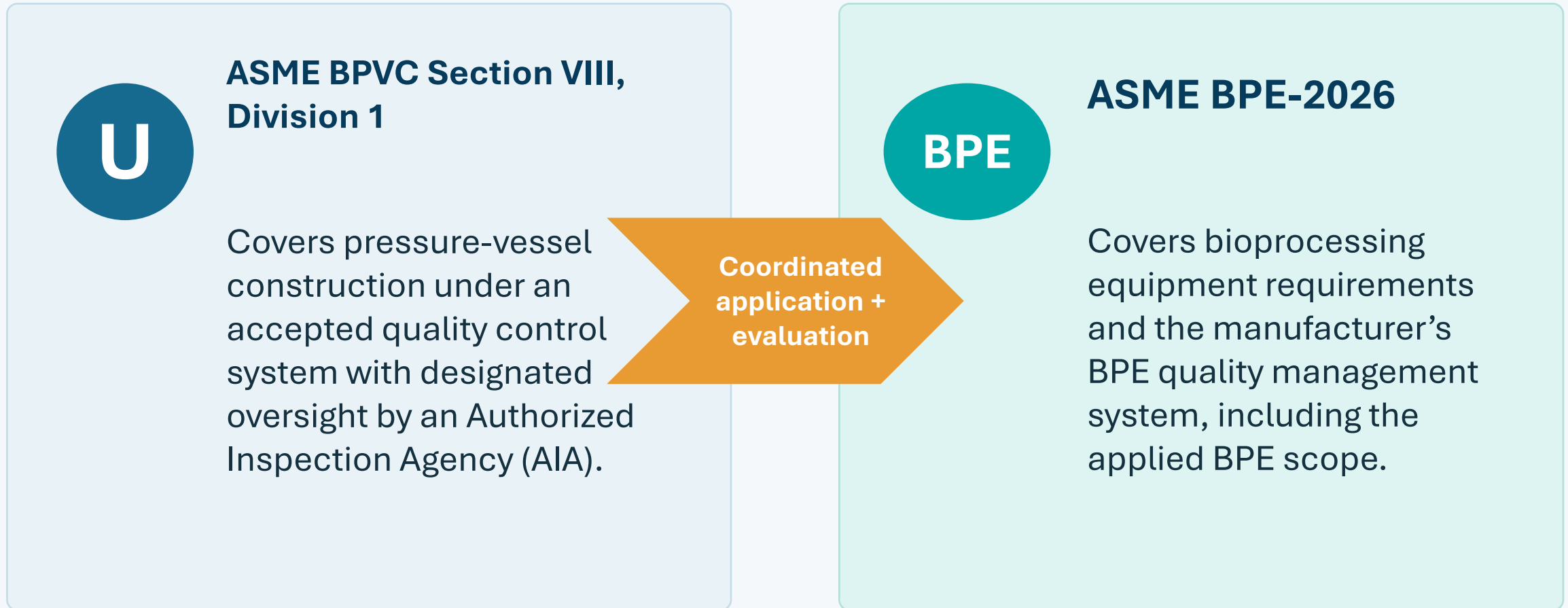
Scope • Applications • Quality systems • Joint evaluation •
Certificate issuance

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What dual certification means

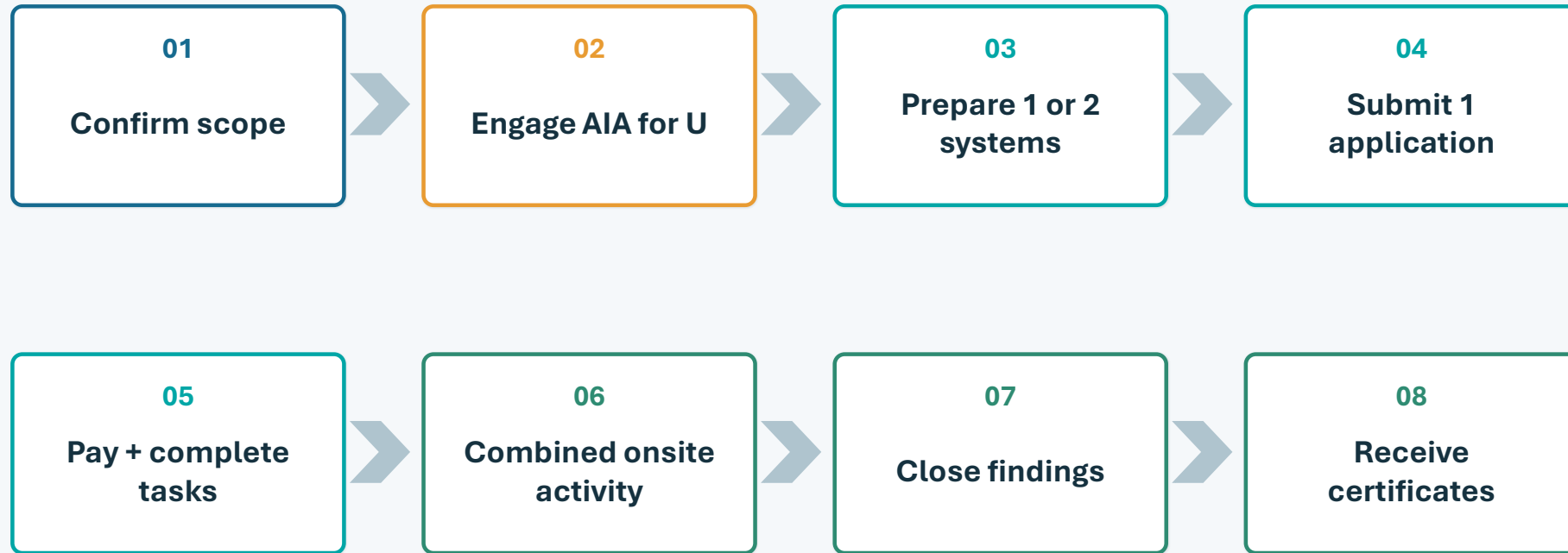
One product may be evaluated against two governing standards, but the company pursues two coordinated authorizations.



Key point: For pressure vessels using the BPE designator, the BPE certificate is paired with a U certificate.

End-to-end roadmap

Run the BPE and U workstreams in parallel, then converge them for a coordinated onsite evaluation.



One Company Record. Two reports with two recommendations.

Gate 1 | Confirm scope and prerequisites

Decide exactly what the company intends to manufacture, where work will occur, and which certification structure applies.

BPE scope

Select applicable equipment or component categories, including pressure vessels and/or tanks. Identify each operation performed in-house, subcontracted, or not applicable. Define any work at other locations.

U scope

Define the Section VIII, Division 1 shop and/or field activities. Identify product range, fabrication processes, examination, testing, and certification activities.

Common foundation

Purchase and retain authorized copies of governing standards. Establish management commitment, qualified personnel, facilities, equipment, and records needed to demonstrate implementation.

Decision output A written scope statement and site map that match both applications and both quality-system manuals.

Gate 2 | Engage the Authorized Inspection Agency

The U certificate requires designated oversight. Start the AIA relationship before the application is ready to submit.

- 1 Select an ASME-accredited AIA
- 2 Execute an inspection agreement
- 3 Identify the AIA of Record on the U application
- 4 Align manual acceptance and demonstration planning

Application readiness check

ASME verifies the AIA agreement before the U Joint Review moves forward.



Gate 3 | Dual certification via one or two CA Connect applications

The new CA Connect platform allows this dual certification to be accomplished through one combined application or two separate applications, all under a single company record.

OPTION 1

Combined BPE + U application

- Request both BPE and U certificates on a single CA Connect application
- Upload BPE Supplemental Form P and the U Quality Control Manual
- Identify the AIA of Record for the U scope
- One payment and one set of application tasks

ONE
COMPANY
RECORD

OPTION 2

Separate BPE and U applications

- Submit the BPE application
- Submit the BPV application and locations
- Identify the AIA of Record on the U application
- Upload the ASME agreement for each certification
- Complete payment and tasks on each application

Either path delivers both certifications under one CA Connect company record.

Application package | What “complete” looks like

Use a submission checklist to prevent one record from reaching scheduling while the other remains blocked.

CA Connect Separate BPE and U company records and applications

Commercial Required fees and survey/review deposits paid

Agreement ASME Accreditation/Certification Agreement completed

BPE Form P, controlled BPE QMS Manual, completed BPE checklist

U AIA of Record, inspection agreement verification, U Quality Control Manual and checklist

Logistics Accurate facility addresses, availability, shifts, holidays, and work schedule

Demonstration Planned item(s), mock-up or current work covering all program elements

Control point: The scope, addresses, manuals, checklists, and planned demonstrations must tell the same story.

Build two auditable quality systems

Keep the manuals separate, but align shared controls so the company can execute one coherent operating model.

BPE QMS Manual

- BPE scope and hygienic equipment controls
- BPE-specific personnel, fabrication, inspection and records
- Certified Individual controls, when applicable
- BPE checklist paragraph cross-reference
- Supplier control
- Corrective Actions
- Internal Audit & Management Review

Aligned shared controls

- Document control
- Purchasing
- Material identification + traceability
- Nonconformance
- Calibration + record retention

U Quality Control Manual

- Section VIII-1 construction controls
- Design, materials, welding, NDE, heat treatment and testing
- AIA / Authorized Inspector interface
- BPV checklist paragraph cross-reference

Avoid copying requirements into a manual. Define the company's controls: who, what, when, where, and how.

Prove implementation before ASME arrives

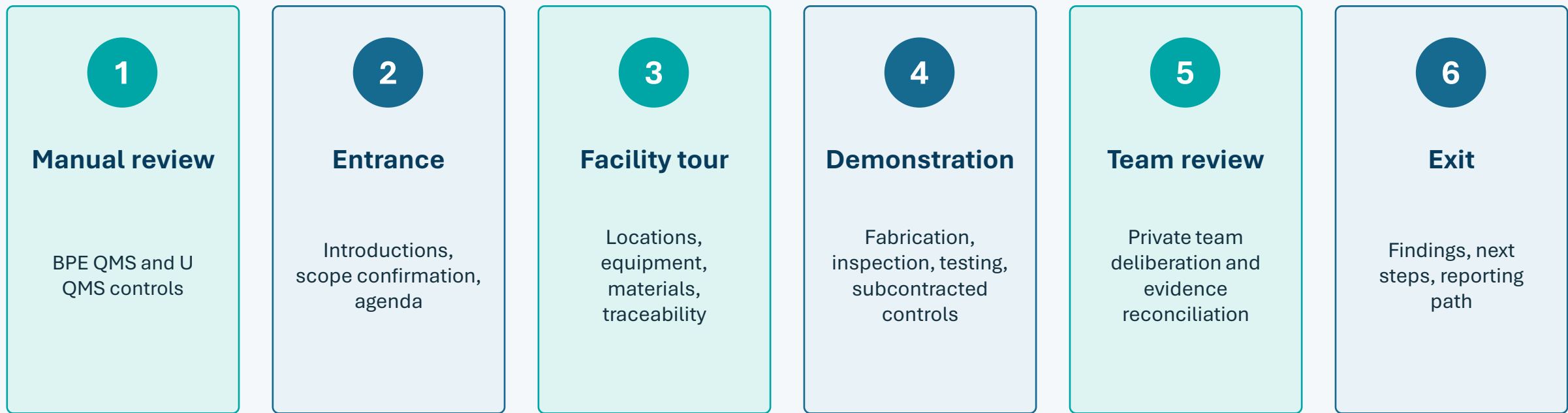
Both certifications need to be demonstrated. Treat the internal audit as the applicant's dress rehearsal.



- 1 Map every requirement to a manual paragraph
- 2 Complete BPE and BPV checklists
- 3 Run internal audits and management review
- 4 Prepare a representative vessel or mock-up
- 5 Demonstrate in-house and subcontracted controls
- 6 Pre-stage objective evidence and personnel

Combined onsite activity

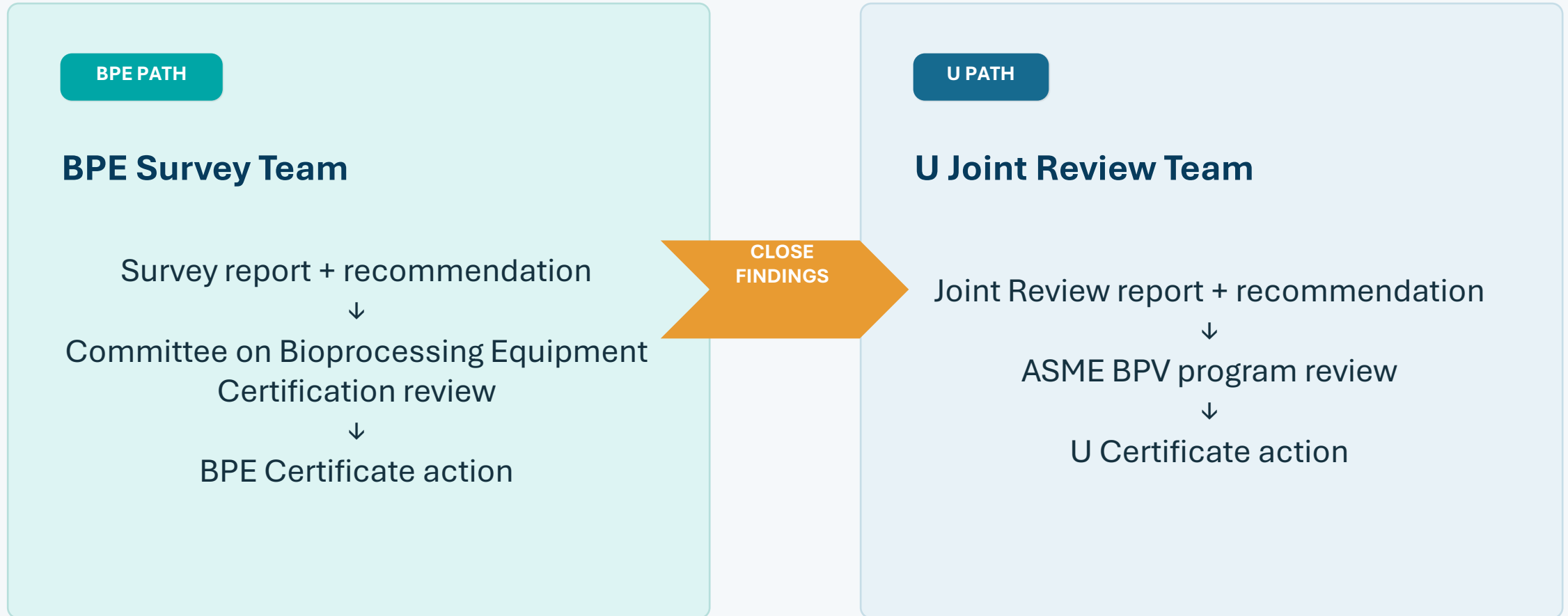
ASME intends to coordinate the BPE Survey and U Joint Review, while preserving separate program decisions and reports.



**Planning assumption from ASME’s 2026 briefing: combined activity may be scheduled for four days with two auditors.
Confirm the actual plan for the applicant’s scope and location.**

Two reports, two authorization paths

A coordinated visit does not merge the certification decisions.



Do not advertise or apply the ASME Single Certification Mark with a designator until the corresponding authorization is issued.

Applicant action plan

Assign ownership, manage both streams as one project, and keep application data synchronized.

OWNER	PRIMARY ACCOUNTABILITY
Executive sponsor	Approve scope, budget, resources, and target date
Certification project lead	Own integrated plan, CA Connect records, ASME coordination
Quality lead	Develop manuals, checklists, internal audits, corrective actions
Engineering / design	Define design controls and demonstrate Section VIII-1 + BPE technical compliance
Manufacturing / welding	Demonstrate fabrication, welding, heat treatment, finishing and traceability
AIA / Authorized Inspector	Accept U QC Manual and provide designated oversight
Document control	Maintain controlled manuals, procedures, forms, records and revision alignment

Next milestone: complete an application-readiness review using this deck as the agenda and evidence checklist.

Reference Standards and Resources

Use current controlled documents and CA Connect instructions at the time of application.

Governing documents

ASME BPE-2026
ASME BPVC Section VIII,
Division 1
ASME CA-1-2025
Applicable QAI-1
requirements
Applicable Code Cases and
interpretations

Application resources

CA Connect application
BPE Supplemental
Application Form P
BPE-GUI-01 applicant
information
BPE QMS checklist
BPV applicant handbook and
checklist
Current ASME Price Guide

Applicant cautions

Fees and schedules can
change
Each facility may require its
own application
English-language manual
governs
Scope changes require
control and may trigger
evaluation
Final requirements come
from current ASME
documents

ASME contacts and current forms: use the ASME Certification & Accreditation website and CA Connect.