

3M™ Attest™ Super Rapid Steam-Plus Challenge Pack 41482V



Competency Assessment for use of the
 3M™ Attest™ Super Rapid Steam-Plus Challenge Pack 41482V
 in conjunction with the 3M™ Attest™ Auto-reader 490/490H
 (software version 4.2.7 or greater)

Employee Name: _____ Date: _____
 Facility: _____ Dept: _____
 Assessor's Name: _____ Employee Competent? Yes No

Observation Checklist

Task	Demonstrates Competency
The 41482V challenge pack is placed flat, with label side up, on the bottom sterilizer shelf, over the drain.	
A 270°F (132°C) or 275°F (135°C) dynamic-air-removal steam sterilization cycle is run, and the 41482V challenge pack is retrieved.	
External process indicator on 41482V challenge pack is checked to verify it has turned brown or darker	
41482V challenge pack is opened, 1492V BI is removed and allowed to cool for 10 minutes	
Comply™ SteriGage™ Steam Chemical Integrator is checked to verify the dark color has reached the ACCEPT window	
Safety glasses are donned	
1492V BI is identified (i.e., load #, sterilizer #, and date are written on BI label)	
The process indicator on top of the cap of the processed 1492V BI is checked to confirm it has changed from pink to light brown or darker	
1492V BI is activated by placing BI in activator and squeezing to push BI cap down and crush media ampoule	
1492V BI is flicked to distribute growth media	
Presence of media in 1492V BI growth chamber is visually verified	
1492V BI is placed in any well of an Auto-reader 490 or 490H having software version 4.2.7 or greater. Auto-reader displays 24 remaining minutes of incubation under BI.	
Test BI lot # and result and chemical integrator result are documented according to facility policy	
Control BI lot # and result are documented or user verifies a control BI result has already been documented for the day	

(Please turn over for Written Assessment component of competency→)

Written Assessment

1. Biological indicators (BIs) are used to assess the lethality of a sterilization cycle.
 - a) True
 - b) False
2. For steam sterilizers, our facility's policy is to run a BI Process Challenge Device (PCD), such as the Attest™ 41482V challenge pack,:
 - a) In every load
 - b) Daily and in every implant load
 - c) Weekly
3. According to AAMI ST79, BIs used to monitor steam sterilizers should contain spores of which microorganism?
 - a) *Bacillus atrophaeus*
 - b) *Geobacillus stearothermophilus*
 - c) *Clostridium difficile*
4. A control 1492V BI, having the same lot # as the BI in the challenge packs, should be placed in each Auto-reader 490/490H at what frequency?
 - a) Daily and whenever a box having a new lot number is opened
 - b) Weekly
 - c) Once/box of challenge packs
5. According to AAMI ST79, implant loads should be monitored with a BI PCD that also contains a Type 5 integrating indicator. In the event of a documented medical emergency, the results of the Type 5 integrating indicator may be used as a basis for early load release of an implant.
 - a) True
 - b) False
6. After a successful sterilization cycle, the 1492V BI requires ___ of incubation before a negative result ('-' symbol) will be shown on the Auto-reader 490/490H LCD display:
 - a) 24 minutes
 - b) 1 hour
 - c) 3 hours
 - d) 48 hours
7. A positive result ('+' symbol on the Auto-reader 490/490H LCD display) for a 1492V BI from a processed 41482V challenge pack indicates:
 - a) a failed sterilization cycle
 - b) a successful sterilization cycle
8. When a positive result ('+' symbol) occurs for a processed BI, and the cause of the failure cannot be immediately identified, (circle correct answer)
 - a) No action is necessary
 - b) That load should be quarantined.
 - c) The sterilizer should be removed from service, all items processed in the sterilizer since the last cycle having a negative BI result should be recalled, and the supervisor should be notified.