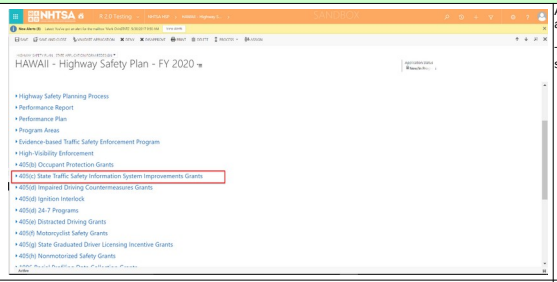
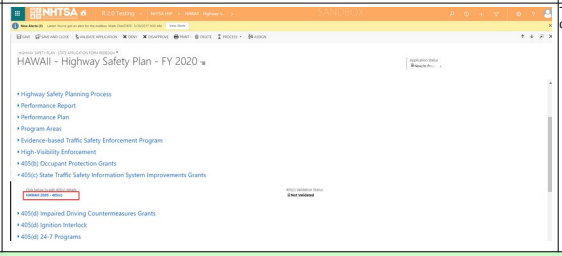
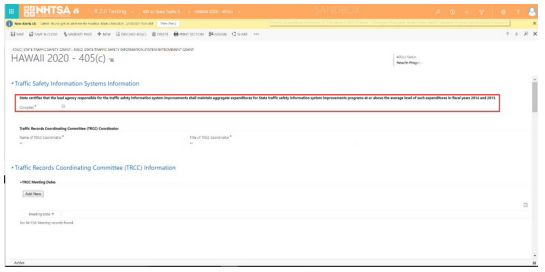
NHTSA Systems Developer Quality Assurance (QA) Test Script

Date Executed:		**Test Script:**	NHTSA 405 Grant Application - 405c	**Tester(s):**	
Test Script ID:	GMSS-APP-405-0004	**Test Script Description:**	Verify the appropriate details and functionality of the 405(c) section on the NHTSA Highway Safety Plan	**Environment:**	
Requirements:	GMSS-HSP-023.0.0.1, GMSS-HSP-023.0.1, GMSS-HSP-023.0.2, GMSS-HSP-023.2, GMSS-HSP-023.4, GMSS-HSP-023.6, GMSS-HSP-023.6.0, GMSS-HSP-023.6.1, GMSS-HSP-023.6.2, GMSS-HSP-023.6.3, GMSS-HSP-023.6.4, GMSS-HSP-023.6.5, GMSS-HSP-023.6.8			**Browser:**	
				Pass/Fail:	

Testing enviroment: https://nhtsagmsspreprod.crm9.dynamics.com

Preconditions	**Post Conditions**
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(c) grant while completing their administration steps in GMSS-APP-NHTSA-HO.	State users are able to complete the 405(c) section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result (Enter a description only if the result is different from Expected or if the step fails.)	Status		
405(c)								
1	All State users	Scroll toward the middle of the HSP page and click on **405(c) State Traffic Safety Information System Improvements Grants** to expand the section.		A link to the State's 405(c) application is displayed. The 405(c) Validation Status should be **Not Validated**.				
2	All State users	Click on the State's 405(c) application link.		The 405(c) application is displayed.				
Traffic Safety Information Systems Information								
3	All State users	In the **Traffic Safety Information Systems Information section**, verify that the **Complies** checkbox is displayed below **State certifies that the lead agency responsible for the traffic safety information system improvements shall maintain aggregate expenditures for State traffic safety information system improvements programs at or above the average level of such expenditures in fiscal years 2014 and 2015.**		User is able to check the **Complies** checkbox.				

Integration Test Script

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				Pass/Fail:		

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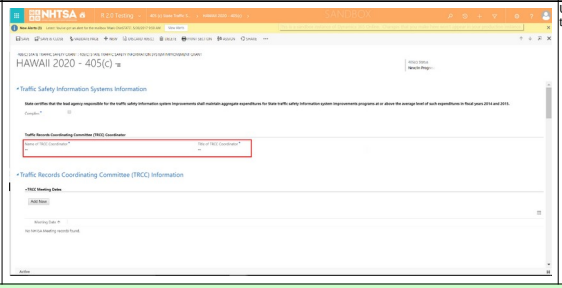
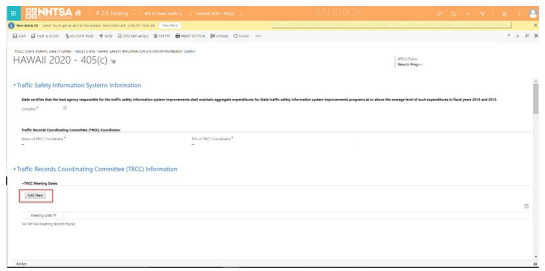
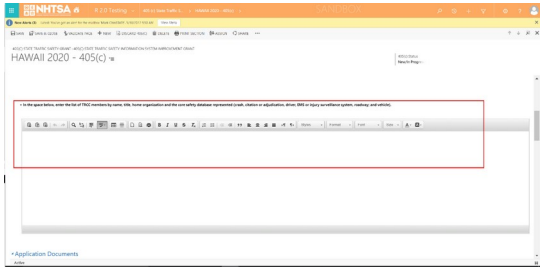
Preconditions	**Post Conditions**
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(c) grant while completing their administration steps in GMSS-APP-NHTSA-HO.	State users are able to complete the 405(c) section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result (Enter a description only if the result is different from Expected or if the step fails.)	Status		
4	All State users	Enter values in the following fields: - Name of TRCC Coordinator - Title of TRCC Coordinator		User is able to enter the name and title of the TRCC Coordinator.				
Traffic Records Coordinating Committee (TRCC) Information								
5	All State users	Click the **Add New** button to add a meeting date.		The **NHTSA Meeting** window is displayed.				
6	All State users	Enter a date in the **Meeting Date** field.		User is able to manually enter a date or use the calendar. The User should receive an error message if the meeting date is not within the timeframe of the submission deadline.				
7	All State users	Repeat Step 5-6 to add additional meeting dates.		User is able to add multiple meeting dates.				
8	All State users	Enter text in the box under **In the space below, enter the list of TRCC members by name, title, home organization and the core safety database represented (crash, citation or adjudication, driver, EMS or injury surveillance system, roadway; and vehicle).**		User is able to enter text.				
Application Documents								

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				Pass/Fail:		

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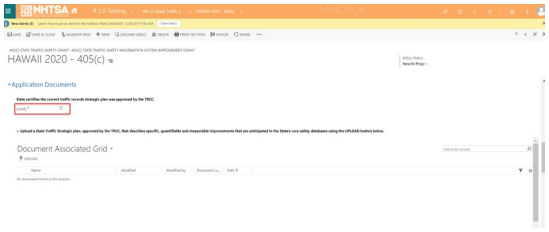
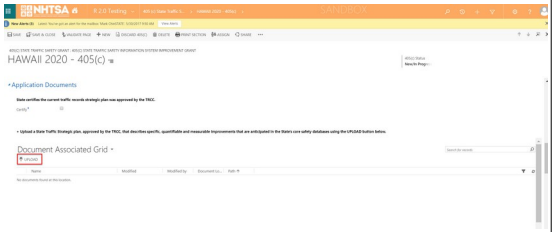
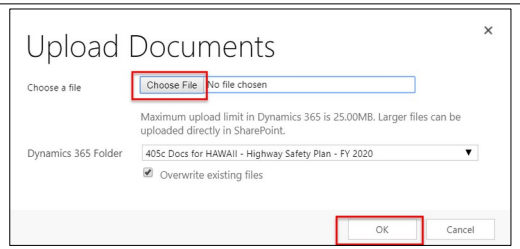
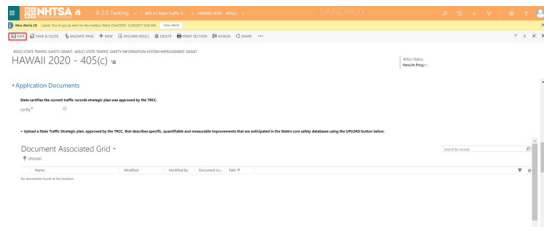
Preconditions	**Post Conditions**
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(c) grant while completing their administration steps in GMSS-APP-NHTSA-HO.	State users are able to complete the 405(c) section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result (Enter a description only if the result is different from Expected or if the step fails.)	Status		
9	All State users	Check the **Certify** checkbox below **State certifies the current traffic records strategic plan was approved by the TRCC.**		The User is able to check the **Certify** checkbox.				
10	All State users	Click the **Upload** button.		The **Upload Documents** pop up window is displayed.				
11	All State users	Click the **Choose File** button to upload a file and click the **OK** button.		The document is uploaded in the application.				
12	All State users	Click the **Save** button on the top header.		The 405(b) application information is saved.				

Recommendations

Integration Test Script

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				Pass/Fail:		

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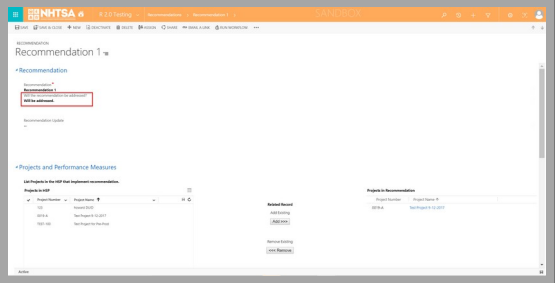
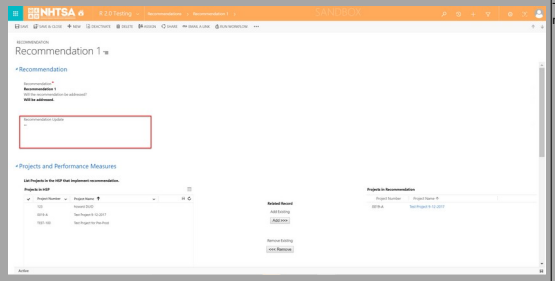
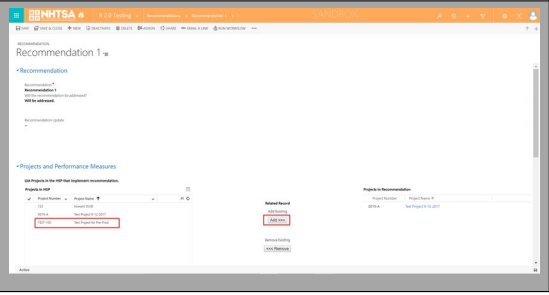
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(c) grant while completing their administration steps in GMSS-APP-NHTSA-HO.	State users are able to complete the 405(c) section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result (Enter a description only if the result is different from Expected or if the step fails.)	Status		
13	All State users	Double-click on a recommendation.	Steps 13-19 is a Work-In-Progress. Please skip.	The **Recommendation** window is displayed.		Not Started		
14	All State users	Click the **Will the recommendation be addressed?** (Options: Will not be addressed., Will be addressed.)		The User is able to select from the options.		Not Started		
15	All State users	Enter text in the **Recommendation Update** text box.		The User is able to add a recommendation update.		Not Started		
16	All State users	Below the **Projects in HSP** grid, select a project and click the **Add** button.		The selected project is added in the **Projects in Recommendation** grid.		Not Started		

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				Pass/Fail:		

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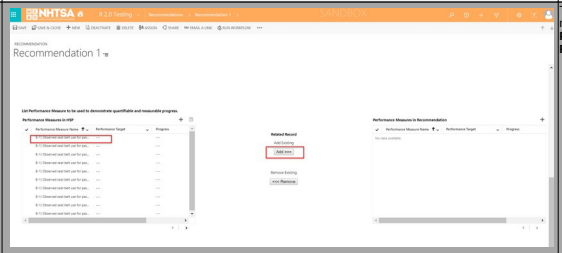
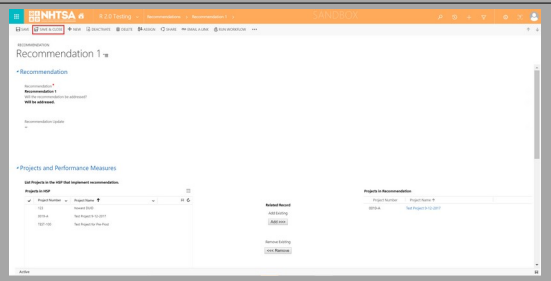
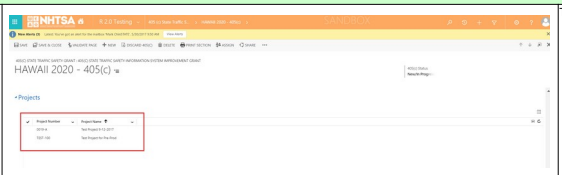
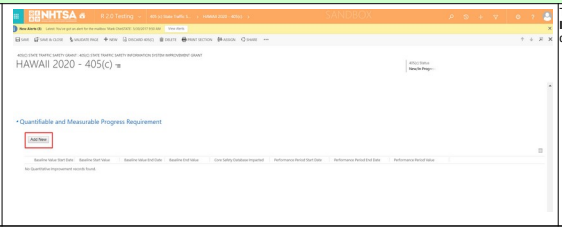
Preconditions	**Post Conditions**
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(c) grant while completing their administration steps in GMSS-APP-NHTSA-HO.	State users are able to complete the 405(c) section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result (Enter a description only if the result is different from Expected or if the step fails.)	Status		
17	All State users	Below the **Performance Measures in HSP** grid, click on a performance measure name and click the **Add** button.		The selected performance measure is added below the **Performance Measures in Recommendation** grid.		Not Started		
18	All State users	Click the **Save & Close** button on the top header.		The recommendation information is saved. The User is taken back to the 405c application form.		Not Started		
19	All State users	Repeat Steps 13-18 to add additional recommendations.		Same as above.		Not Started		
Projects								
20	All State users	Scroll down and verify that the projects added in the HSP are listed in the grid._x000D_ _x000D_ (Note: For the projects to be listed in the grid, it needs to be added in the HSP -> Program Areas -> Countermeasure Strategies -> Projects -> Add New -> Yes on the Addresses a traffic records assessment recommendation? question.		The projects are listed in the grid.				
Quantifiable and Measurable Progress Requirement								
21	All State users	Click the **Add New** button to add quantitative data.		The **New Quantitative Improvement** window is displayed.				

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				Pass/Fail:		

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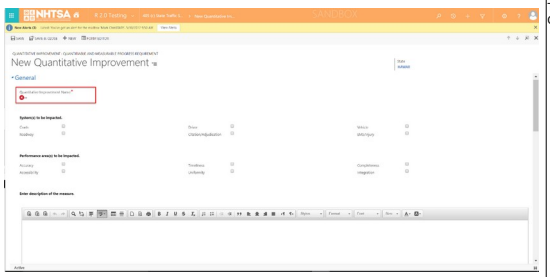
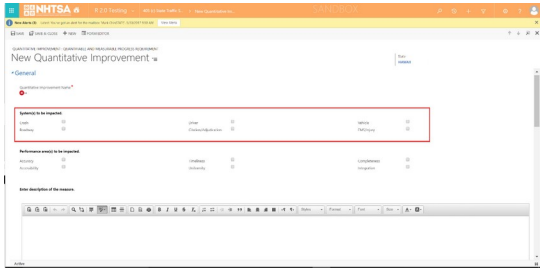
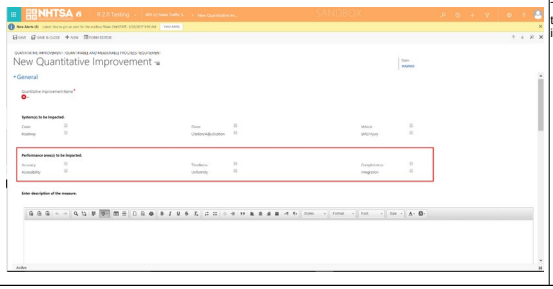
Step #	Role	Step Description	Visual	Expected Result	Actual Result (Enter a description only if the result is different from Expected or if the step fails.)	Status		
22	All State users	Enter a **Quantitative Improvement Name**.		The User is able to add a Quantitative Improvement Name.				
23	All State users	Check one or more **System(s) to be impacted**.		The User is able to check more than one system to be impacted.				
24	All State users	Check one or more **Performance Area(s) to be Impacted**. - Accuracy - Accessibility -Timeliness - Uniformity - Completeness - Integration		The User is able to check more than one performance area to be impacted.				

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				Pass/Fail:		

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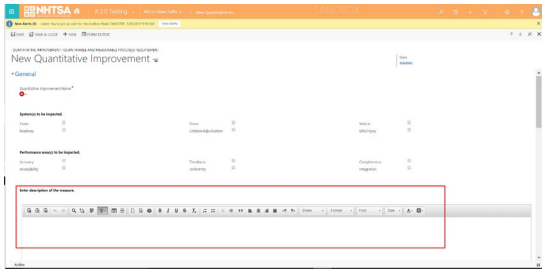
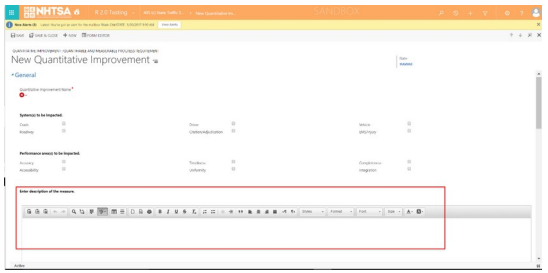
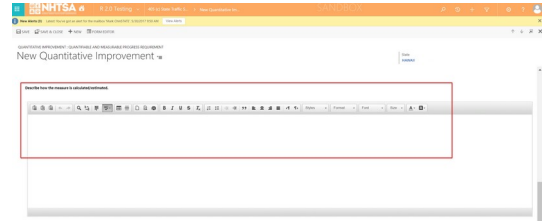
Step #	Role	Step Description	Visual	Expected Result	Actual Result (Enter a description only if the result is different from Expected or if the step fails.)	Status		
25	All State users	Enter text in the box below **Enter description of the measure**.		The User is able to manually enter text or copy/paste.				
26	All State users	Enter text in the box below **Describe the improvement(s)**.		The User is able to manually enter text or copy/paste.				
27	All State users	Enter text in the box below **Describe how the measure is calculated/estimated**.		The User is able to manually enter text or copy/paste.				

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				Pass/Fail:		

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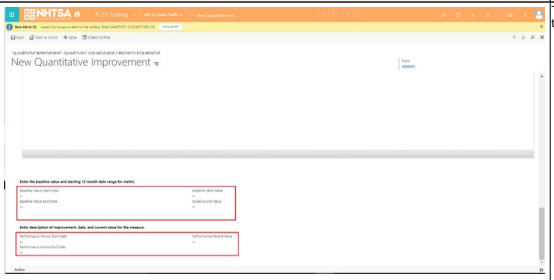
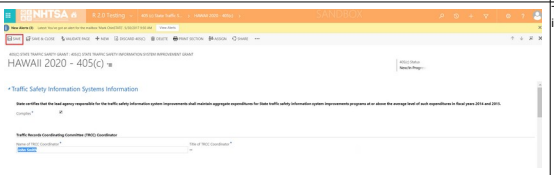
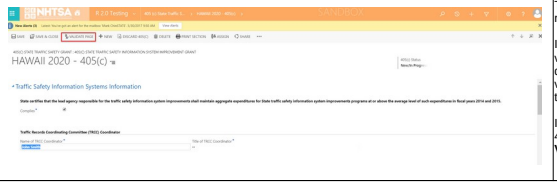
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(c) grant while completing their administration steps in GMSS-APP-NHTSA-HO.	State users are able to complete the 405(c) section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result (Enter a description only if the result is different from Expected or if the step fails.)	Status		
28	All State users	Enter values in the following fields: - Baseline Value Start Date - Baseline Start Value - Baseline Value End Date - Baseline End Value - Performance Period Start Date - Performance Period Value - Performance Period End Date		The User is able to add values in the fields.				
29	All State users	Click the **Save & Close** button on the top header.		The information is saved.				
30	All State users	Repeat Steps 21-29 to add additional Quantitative Improvement data.		Same as above.				
31	All State users	Click the **Save** button on the top header.		The 405(c) application information is saved.				
32	All State users	Click the **Validate Page** button on the top header.		The System checks that all of the required fields have a value. If a required field does not have a value, a validation error will display in a yellow banner. The validation error will remain until the user addresses the error. If all fields have a value, the 405(c) status will change to **Validated**.				

Integration Test Script

Date Executed:		**Test Script:**	NHTSA 405 Grant Application - 405c	**Tester(s):**		
Test Script ID:	GMSS-APP-405-0004	**Test Script Description:**	Verify the appropriate details and functionality of the 405(c) section on the NHTSA Highway Safety Plan	**Environment:**		
Requirements:	GMSS-HSP-023.0.0.1, GMSS-HSP-023.0.1, GMSS-HSP-023.0.2, GMSS-HSP-023.2, GMSS-HSP-023.4, GMSS-HSP-023.6, GMSS-HSP-023.6.0, GMSS-HSP-023.6.1, GMSS-HSP-023.6.2, GMSS-HSP-023.6.3, GMSS-HSP-023.6.4, GMSS-HSP-023.6.5, GMSS-HSP-023.6.8			**Browser:**		
				Pass/Fail:		

Testing enviroment: https://nhtsagmsspreprod.crm9.dynamics.com

Preconditions	**Post Conditions**
User is logged on to GMSS. User has started a new Highway Safety Plan. (See *GMSS-APP-402-0001 NHTSA Grant Application - Summary Information* script for more details on logging in and starting a new HSP.) The GTL has indicated that the State is eligible to apply for the 405(c) grant while completing their administration steps in GMSS-APP-NHTSA-HO.	State users are able to complete the 405(c) section appropriately.

Step #	Role	Step Description	Visual	Expected Result	Actual Result (Enter a description only if the result is different from Expected or if the step fails.)	Status		
33	All State users	After the system updates the 405(c) application form status to **Validated**, click the Save & Close button.		The user is taken back to the HSP page.				
END OF SCRIPT - Continue to a 405d - Impaired Driving grant application								
Alternate Flow(s)								
Negative Flow(s): None identified								