Title	Test Purpose	Pre-requirements	Step Number	Step	Expected Result	Actual Result
Change is dispensed when available in the smallest amount of coins available (British money)	This test is to ensure, when change is available, that the credit remaining in the machine after a purchase is given as change in the smallest possible coin denomination. It will also ensure the credit shown on screen is correct.	The tester must have access to the vending machine noted in the requirements, this machine should be powered on and set up as expected in a user facing environment. The machine should have no current monetary balance. The machine should have the change of all possible British coins available	1	Insert £5 into the machine	Vending machine acknowledges the input and raises the available balance to £5	
				Purchase an item with a value less than £5	Vending machine gives the item to the user and reduces the credit available buy the price of the item. This new credit is then shown on the screen e.g. The item is £3, the screen shows £2 credit remaining	
				Press the change button (To be specified)	The credit remaining in the vending machine is returned to the user with the smallest possible number of coins available e.g. If the credit is £1.53 the user would recieve 1 pound, 50 pence, 2 pence and 1 penny The screen states the exact amount of change given, this amount equals the amount of coins dispensed.	
Change is dispensed when available in the smallest amount of coins available (European money)	This test is to ensure, when change is available, that the credit remaining in the machine after a purchase is given as change in the smallest possible coin denomination. It will also ensure the credit shown on screen is correct.	The tester must have access to the vending machine noted in the requirements, this machine should be powered on and set up as expected in a user facing environment. The machine should have no current monetary balance. The machine should have the change of all possible European coins available	1	Insert €5 into the machine	Vending machine acknowledges the input and raises the available balance to €5	
				Purchase an item with a value less than €5	Vending machine gives the item to the user and reduces the credit available buy the price of the item. This new credit is then shown on the screen e.g. The item is €3, the screen shows €2 credit remaining	
				Press the change button (To be specified)	The credit remaining in the vending machine is returned to the user with the smallest possible number of coins available e.g. If the credit is €1.53 the user would recieve 1 euro, 50 cents, 2 cents and 1 cent The screen states the exact amount of change given, this amount equals the amount of coins dispensed.	

Warning is shown when change is not available and no change is dispensed when user requests it (British money)	This test is to ensure, when change is not available, a clear warning is shown to users before they insert money and any change available cannot be dispensed	The tester must have access to the vending machine noted in the requirements, this machine should be powered on and set up as expected in a user facing environment. The machine should have no current monetary balance. The machine should have no British coins avalable as change	1	Observe the screen on the vending machine	A warning is displayed stating that no change is available	
				Insert £5 into the machine	Vending machine acknowledges the input and raises the available balance to £5	
				Purchase an item with a value less than £5	Vending machine gives the item to the user and reduces the credit available buy the price of the item. This new credit is then shown on the screen e.g. The item is £3, the screen shows £2 credit remaining	
				Press the change button (To be specified)	The machine does not dispense any coins and a warning is displayed stating that no change is available	
Warning is shown when change is not available and no change is dispensed when user requests it (European money)	This test is to ensure, when change is not available, a clear warning is shown to users before they insert money and any change available cannot be dispensed	The tester must have access to the vending machine noted in the requirements, this machine should be powered on and set up as expected in a user facing environment. The machine should have no current monetary balance. The machine should have no European coins avalable as change	1	Observe the screen on the vending machine	A warning is displayed stating that no change is available	
				Insert €5 into the machine	Vending machine acknowledges the input and raises the available balance to €5	
				Purchase an item with a value less than €5	Vending machine gives the item to the user and reduces the credit available buy the price of the item. This new credit is then shown on the screen e.g. The item is €3, the screen shows €2 credit remaining	
				Press the change button (To be specified)	The machine does not dispense any coins and a warning is displayed stating that no change is available	

Additional info :
* The change test could be continued whilst removing the available coins from the vending machine to ensure the above tests still function as expected or they could be tested in a risk based fashion (The more common coins get tested more intensively).

Questions:
Does the machine offer as much change as it has available even if it cannot fullfill the full amount? (I have gone off the assumption it will dispense no change as this is how I have seen it happen in my experience)