Test Cases:

Email:

1. Sending through an email that only has a subject and a body.

Notes:

1. Received format: XML
2. Utilised Renderer: Subject is text from message. Body is rendered by DocFusion and sent back to the system in HTML format.
3. Utilised service provider: The utilised service provider should be SMTP.
4. Sending through an email that has a subject body and attachment that is password protected.

Notes:

1. Received format: XML
2. Utilised Renderer: Subject is text. Body is rendered by DocFusion. Attachment is Rendered In DocFusion.
3. Password protection individual use cases:
   1. System receives enrichment data from DSMQ and utilises this for password protection.
   2. Enrichment data is not found and attachments will be sent through without password protection.
   3. Enrichment data is not found and email is not sent through to client.
   4. CMA system receives password protection key directly from BU and is able to complete password protection.
   5. Utilised Service Provider: The service provider that should be utilised is SMTP.
4. Sending through an email that has embedded information.

Notes:

1. Received format: XML
2. Utilised Renderer: The body and attachments received are in base64 format and needs to be processed.
3. Utilised Service Provider: The service provider that should be utilised is SMTP.
4. Sending through email for a UK consumer that is received in Json format.
   1. Received Format: JSON
   2. Utilised renderer: utilises JSON required fields with the ability to attach an attachment in Base64 format if required.
5. Future state integration testing: Testing a use case where a JSON payload is utilised for South African client information and chaining services are utilised. This should be tested for all 3 high level email use cases.
6. Email retry and replay should be tested. (Retry is the ability for the system to try to send the email again if a failure takes place at any point of the system. It should also be tested that the retry process stops after a user configured number of retries) Replay is the ability to manual resend a message that was successfully sent or that failed delivery.

General failure cases:

From address does not exist.

To address does not exist.

Internal system failure.

DocFusion cannot be reached/ Document creation not successful.

Email adapter cannot be contacted.

Migration Test cases: (needs confirmation)

Marking as migrated on DSMQ. It should be confirmed that when the migrated table has been configured the DSMQ system will no longer send out these messages.

Configuration on CMA. Test if CMA configuration can work as intended.

Configuration on Docfusion. Test if the DocFusion changes (From XML to Json works as intended)

ACL testing:

Confirm that the configuration of the ACL works as intended.

Analytics and Dashboarding testing:

The created notifications, business and technical dashboards should be tested to ensure that they have the correct information.

Enrolment testing:

Ensures that the consumers are able to enrol and that authentication and authorisation works as intended.

Logging testing:

Confirm that the message status is accurately captured to the COSMOS database.