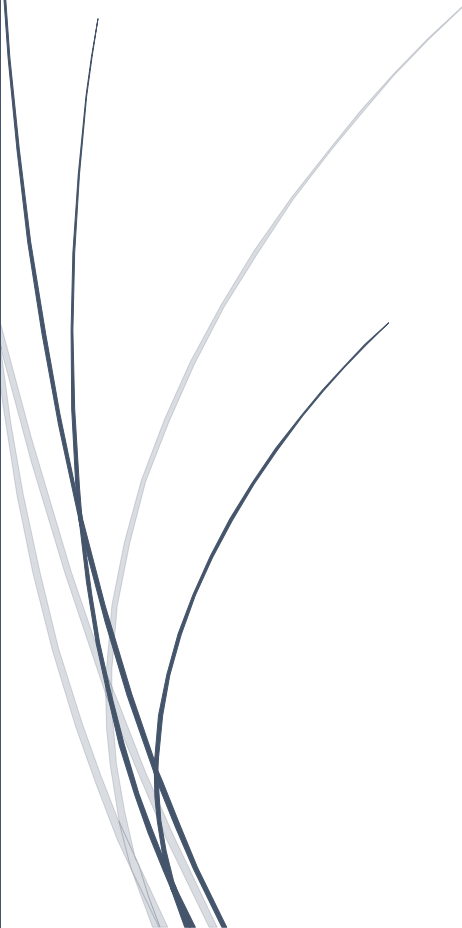




Template No.  
CEMILAC\_SYSGP\_IASM\_13

**IMPACT ANALYSIS of SOFTWARE  
MODIFICATION  
for <LRU/SYSTEM Name>  
for  
<Platform Name>**

<p><b>Issue/Rev No: 01/00</b> <b>Date of Release: 8 Feb 2025</b></p>
--------------------------------------------------------------------------



<DESIGN AGENCY LOGO>	<b>Document No.</b>			
	<b>Issue No./ Rev No. :</b>	<00X>/	<b>Issue Date :</b>	<DD/MM/YYYY>
	<b>Copy No. :</b>	01 of N	<b>No. of Pages :</b>	< total no .of pages >
	<b>Document Classification :</b>	<input type="checkbox"/> Secret <input type="checkbox"/> Confidential <input type="checkbox"/> Restricted <input type="checkbox"/> Unrestricted		
<b>Title:</b>			<b>Project/System :</b>	
<b>IMPACT ANALYSIS of MODIFICATION</b>  <b>for</b>  <b>&lt;LRU/SYSTEM Name&gt;for &lt;Platform name&gt;</b>			< Project/System Name>	
			<b>LRU/System Part No.</b>	
			<No.>	
			<b>Critical Level</b>	
			<A/B/C/D/E>	
	<b>Name &amp; Designation</b>		<b>Signature</b>	
Prepared By	<Design Rep Name>, < Designation> <Agency Name>			
Reviewed By	<Project Leader Name>, <Designation> <Agency Name>  <AWG/QA HOD Name>, <Designation> <Agency Name>			
Approved By	<Project Leader Name>, <Designation> <Design Agency> <Officer_Name>, <Designation> RCMA <Name>			
<b>&lt;Design Firm Name &amp; Address&gt;</b>				

<b>Prepared By</b>	<b>Checked By</b>	<b>Approved By</b>	<b>Doc No. &lt;Document number&gt;</b>		
			<b>Issue</b>	<b>Revision</b>	<b>Date</b>
					<b>Page No: 2 of 4</b>

**Disclaimer:**

This document is a guidance document. Applicable section / table rows may be considered. Any additional details may be added. Any not applicable section/ table rows may be deleted. The template is very general and vary with process to process followed by Development Agency. The document may be fine-tuned with the TAA for finalization.

Prepared By	Checked By	Approved By	Doc No. <Document number		
			Issue	Revision	Date
				Page No: 3 of 4	

## **Impact Analysis Report for Software change from Ver ..... To Ver .....**

1. Requirement Id:
  - 1.1. Description
    - 1.1.1. Changed Requirement / New Requirement : <Brief Description>
    - 1.1.2. Problem reported/ Reason for new Req :
    - 1.1.3. Classification: <Corrective, Preventive, Improvement, Enhancement>
    - 1.1.4. Priority : <High, Medium, Low>
    - 1.1.5. Status : <Open, Closed>
  - 1.2. Analysis
    - 1.2.1. Problem Root cause Analysis
    - 1.2.2. Feasibility analysis for the suggested change
    - 1.2.3. Documents affected
    - 1.2.4. Impact level : <Major, Minor>
  - 1.3. Implementation plan: <Immediate, Deferred, Waived>
  - 1.4. Design changes
    - 1.4.1. Addition/ deletion/ modification in Computation/Logic
    - 1.4.2. Data/ state machine changes
  - 1.5. Code changes
    - 1.5.1. Procedures affected
    - 1.5.2. Procedures using the affected module
  - 1.6. Test strategy
    - 1.6.1. Existing Test Plan/Procedure Changes
      - 1.6.1.1. Unit level
      - 1.6.1.2. CSCI/ HSI level
      - 1.6.1.3. Integration level
    - 1.6.2. Additional Test cases
      - 1.6.2.1. Unit level
      - 1.6.2.2. CSCI/ HSI level
      - 1.6.2.3. Integration level
    - 1.6.3. Test cases for regression test
      - 1.6.3.1. Unit level
      - 1.6.3.2. CSCI/ HSI level
      - 1.6.3.3. Integration level
  - 1.7. DO-178B/C compliance (if applicable)
    - 1.7.1. Objectives affected
    - 1.7.2. Activities to be repeated to maintain compliance to DO-178B
    - 1.7.3. Evidences to be provided for compliance

Prepared By	Checked By	Approved By	Doc No. <Document number		
			Issue	Revision	Date
				Page No: 4 of 4	