Generic Quality Flowchart for Non-Solid Electrolytic Capacitors

- **CHEMICALS**
  - PREPARE ELECTROLYTE
    - CONDUCTIVITY, OTHER PARAMETERS
      - FORMING VOLTAGE, CAPACITANCE
        - DIMENSIONS, VISUAL
          - METAL/METAL CONNECTIONS, DIMENSIONS, VISUAL
            - VISUAL AND DIMENSIONS
              - VISUAL, VACUUM
                - METAL/METAL CONNECTIONS, DIMENSIONS, VISUAL
                  - VISUAL AND DIMENSIONS
                    - VISUAL
                      - LEAKAGE CURRENT
                        - PERCENTAGE DEFECTIVE ANALYSIS
                          - LEGIBILITY AND CORRECTNESS
                            - QUALITY CONFORMANCE AS PER DETAIL SPECIFICATION
                              - DELIVERABLES

- **PIECE PARTS, MATERIALS**
  - WASHING (IF REQUIRED)
    - CLEANNESS
      - FOIL
        - ETCHING
          - ANODIZATION
            - SLITTING
              - TABBING
                - WINDING
                  - IMPREGNATION
                    - TAB/TERMINATION CONNECTION
                      - ENCAPSULATION
                        - INSULATION
                          - AGEING
                            - 100 % ELECTRICAL TESTS
                              - MARKING
                                - PACKAGING
                                  - QUALITY CONFORMANCE AS PER DETAIL SPECIFICATION
                                    - DELIVERABLES

- **Input/Output**
  - Process steps
  - Main process control activities

Lay-out and wording are based on CECC 210 011 (Technology Approval Schedule Electrolytic Capacitors).