

# Film | ESCC 3006 Issue 3

## Exxelia Film Capacitors ESA QPL

ESA ESCC 3006 changed the issue of the specification to the 3rd version. Starting from the 1st of June 2022, Exxelia will produce the film capacitors according to this last version of the ESCC 3006 standard.

Parts already available on stock will be propose according the previsous version of the standard.  
Parts currently launched in production will be manufactured according the issue 2 of the specification.

This modification will affect only the new productions.

## Perimeter

Exxelia QPL film capacitors: PM90S, PM94S, PM907S, PM948S, HT86PS

Please find on the next slides the main updates of the 3rd issue of the ESCC 3006 standard.

# Film | ESCC 3006 Issue 3 - Chart

## Main differences between Issue 2 and 3

Issue 2

Lev C

ESCC 3006 i.2

chart I	Testing levels
chart II	Final production tests
chart III	Burn-in and electrical measurements
chart IV	Qualification tests
chart V	Lot acceptance tests

Lev B = Lev C +  
serialisation

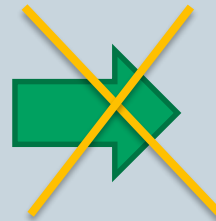
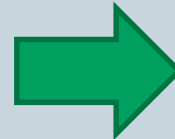
Issue 3

Lev FM

ESCC 3006 i.3

chart F1	General flow of procurement
chart F2	Production control
chart F3	Screening tests
chart F4	Qualification, periodic testing and validation testing

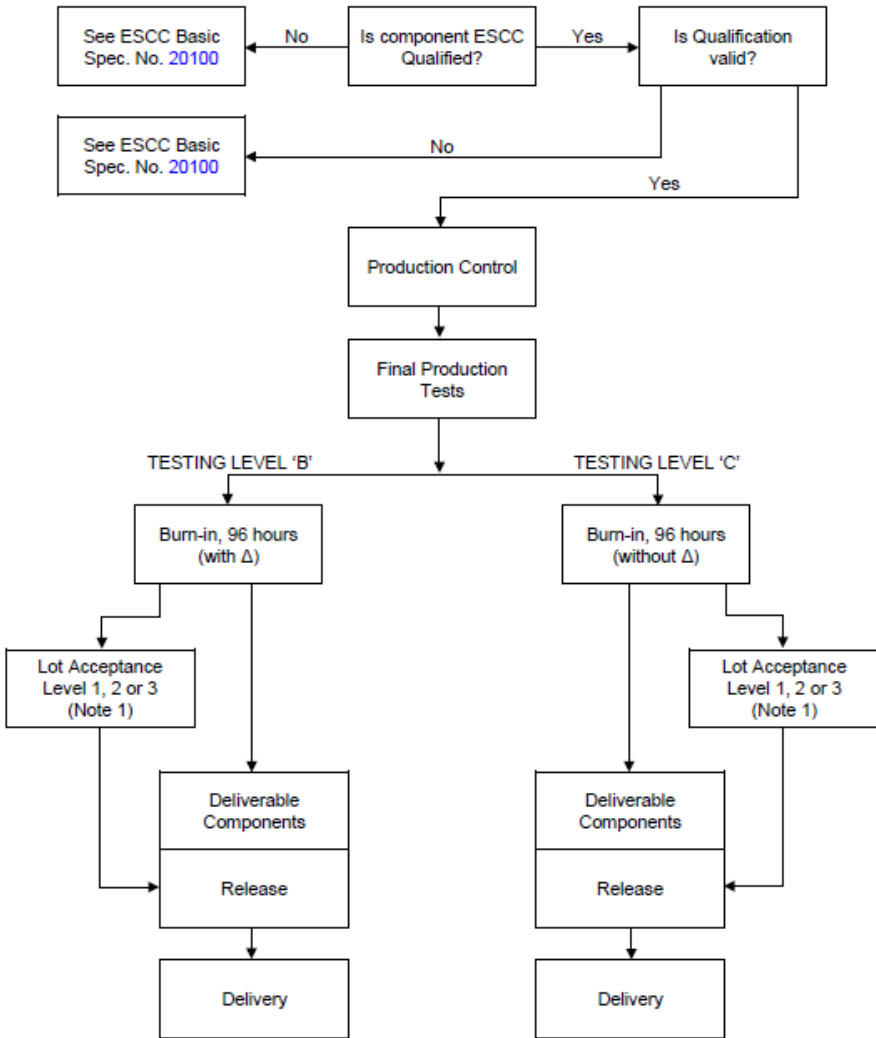
No equivalent



# Film | ESCC 3006 Issue 3 – Chart

## Issue 2

CHART I - TESTING LEVELS



## Issue 3

Chart F2: controls all along the production process

Chart F3: final control on finished products done by specific quality team

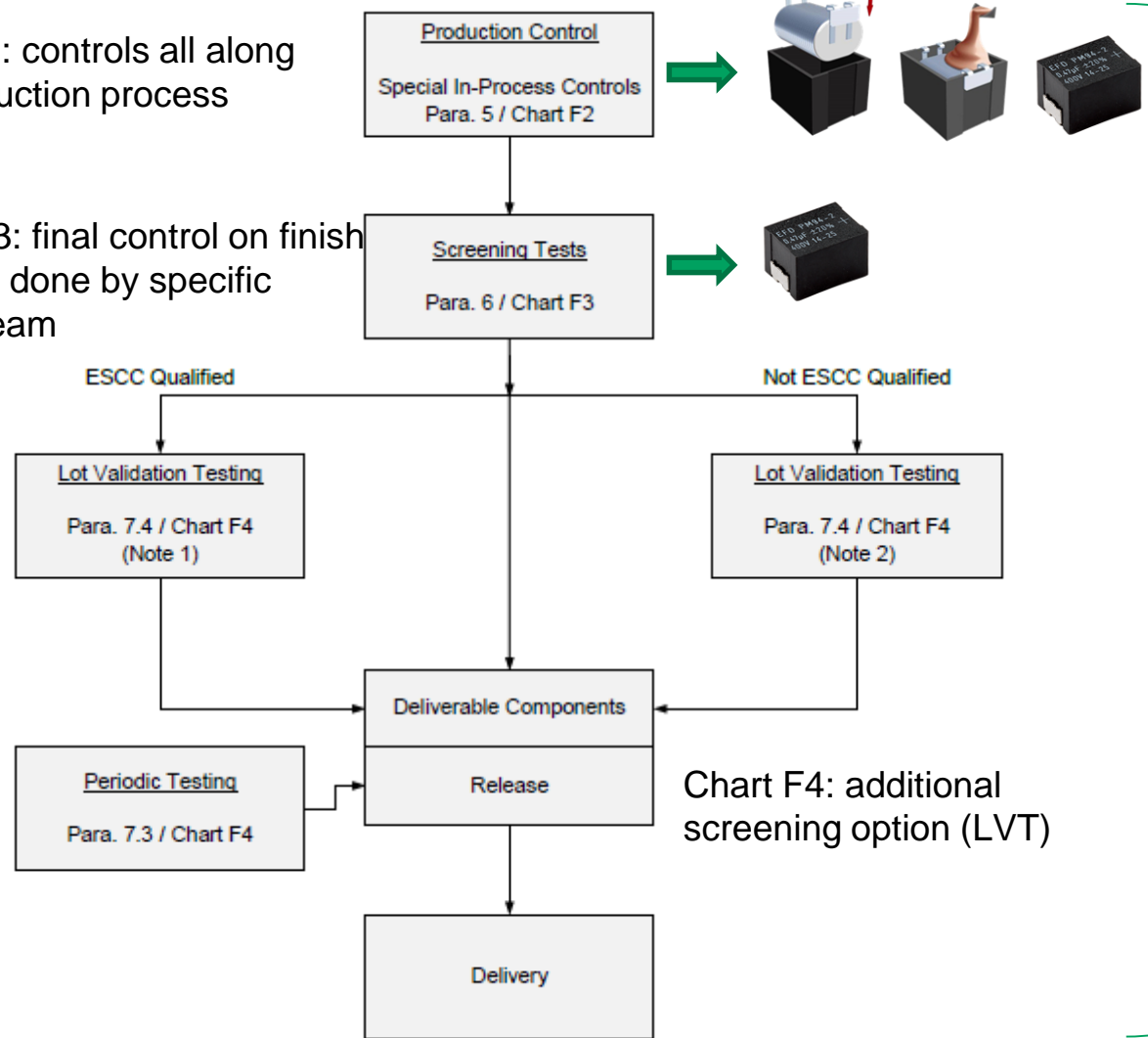


Chart F1

Chart F4: additional screening option (LVT)

# Film | ESCC 3006 Issue 3 – LAT/LVT

## Issue 2 – Lot Acceptation Test

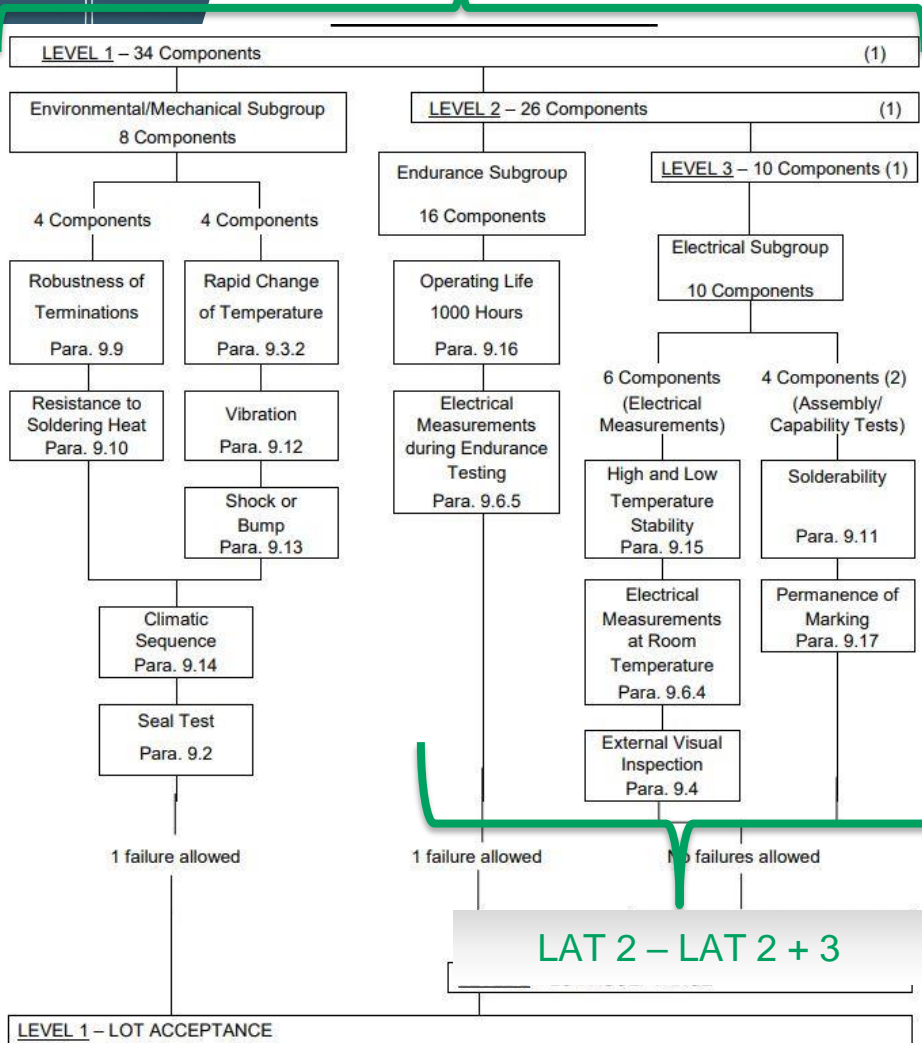
## Issue 3 Lot Validation Test

LAT 1 = LAT 1 + 2 + 3

LVT 1

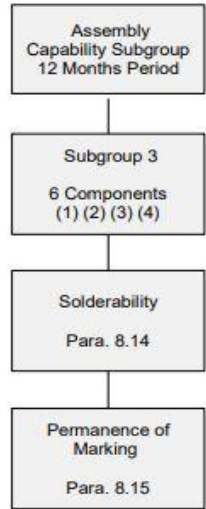
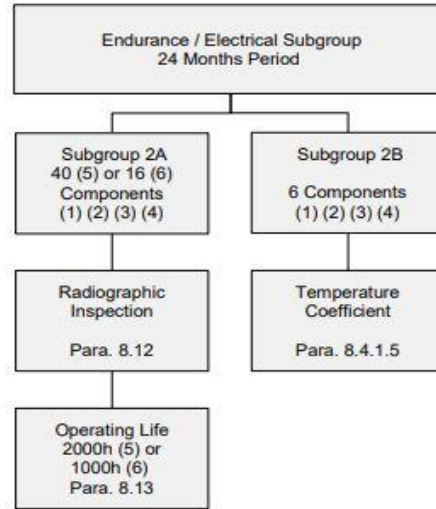
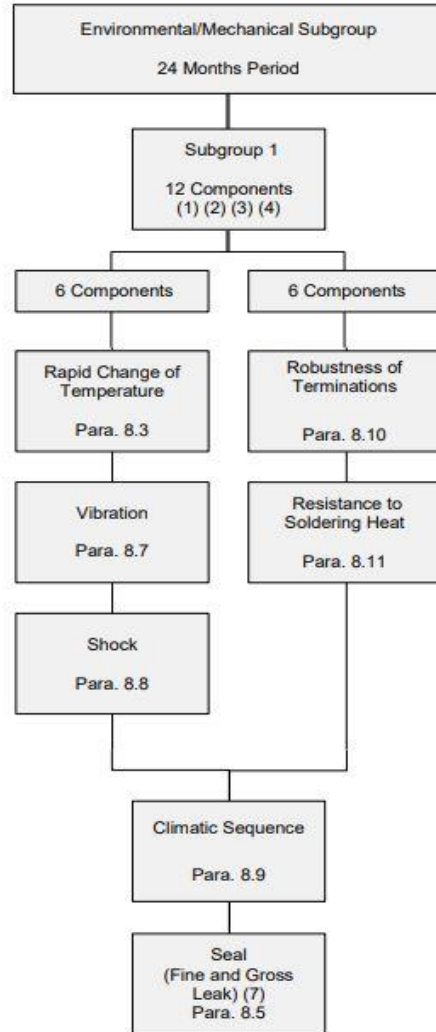
LVT 2

LVT 3



LAT 3

LAT 2 – LAT 2 + 3





Thank you

**GBU capacitors**

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