USB Media // Assembly factory production quality control flowchart

Production Plan Department | Produce | Quality Department | Engineer Department

Order confirm section

Order

Confirm the material Status

Material arrived arrange production plan

Check

OK

Production department apply material

Arrange production tooling

Quality department inspect Electric screwdriver & iron parameters

Preparation work SOP& work process

Before production quality control stage

Material administrator release material

Download & Upgrade

IPQC according to 《 plan sheet 》 chec software

Engineering debugging SW

The Pre-processing material processing in advance

IPQC check material &first sample confirm

According to engineer SOP arrange production

OK

NG

Engineering analysis reason

Produce first sample 5pcs

Responsible department change or stop the production

Mass Production process quality control stage

Mass Production

FQC Appearance function for all product

Production last process：10%
Only one function defective 2%
Appearance defective 3%
Comprehensive defective 5%

Repair

QA pass

NG

Product transfer to aging room for aging

IPQC Issue abnormal order

Engineer analysis reason

All product need aging test

Responsible department change

After aging test QC appearance &Function test for all product

OK

NG

Production last process： 10%
Only one function defective 2%
Appearance defective 3%
Comprehensive defective 5%

QA according to AQL Inspection

Package Stage & Storage Stage

Transfer package process to package room

Pass

NG

Preparation material for factory seal sample

QC confirm first sample

Engineer seal the sample to production

Mass Package

QA check package material

Product warehouse

QA pass

Product delivery monitor