



Glory Sound (Asia) Ltd.



Display the perfect

www.glorysoundasia.com



Glory Sound (Asia) Ltd.



www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Factory View



www.glorysoundasia.com



- Jun 2006 New Factory Plant completed in Fenggang, Dongguan, China, Investment USD5 mil.
- Jan 2006 New Organization Team founded
- 2001 Installed COG Line in HK, Started manufacturing in Oct
- 2000 Moved to our factory premises, Started Shenzhen Office
- 1997 Started LCD Module design and manufacturing, Brand Name Module House
- 1993 Established Glory Sound (ASIA) Ltd
Main business in trading of LCD products

www.glorysoundasia.com





Glory Sound (Asia) Ltd.



Road Map

Oct 2007 TN start M/P

Aug 2007 100 class Clean room completed, Production Line installed

www.glorysoundasia.com

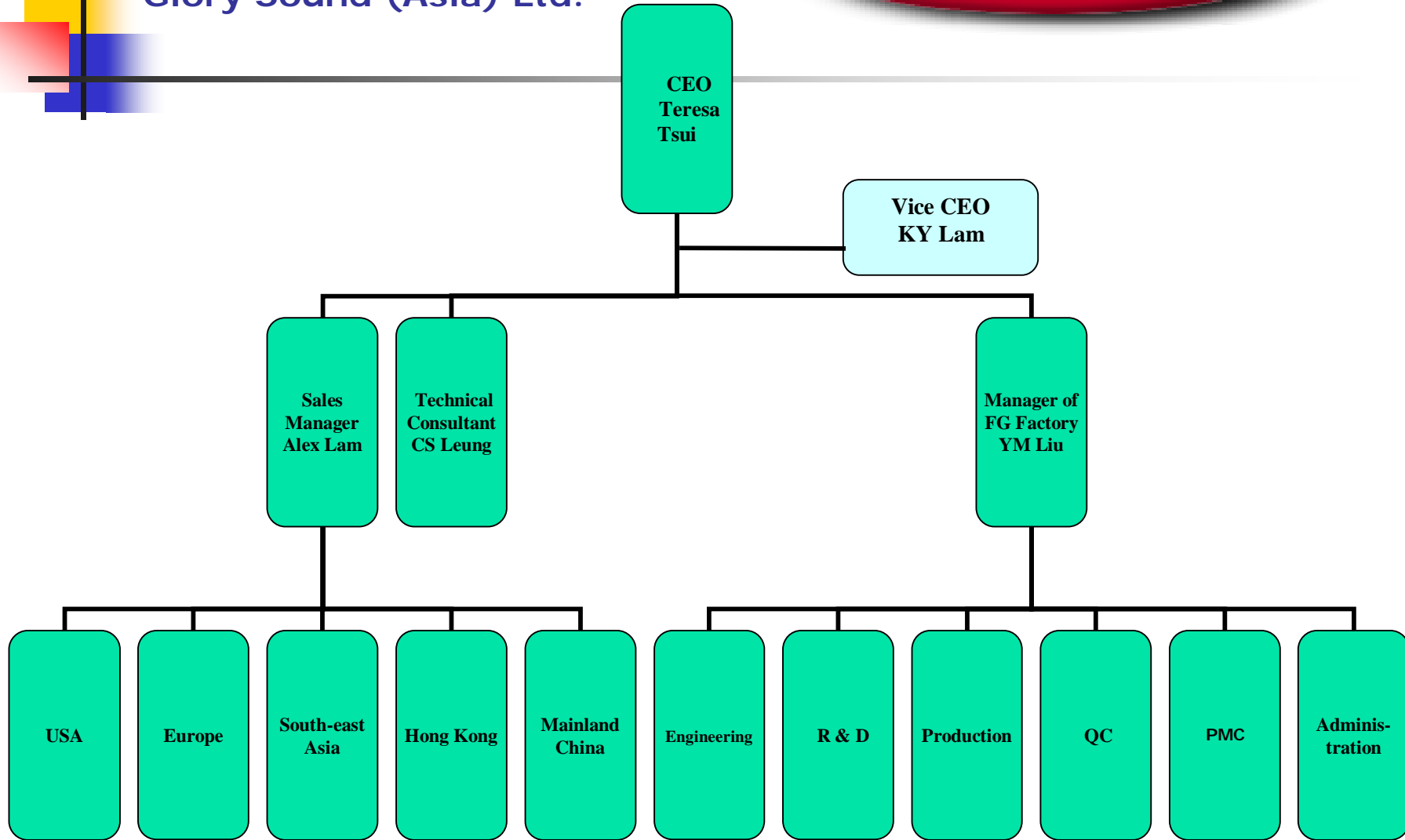


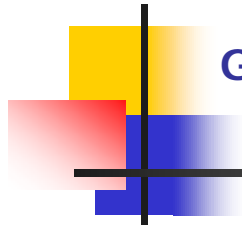
- Dec 2008 FS LCD, Multi-colors, Sample
- Oct 2008 Black Mask, Silk Printing type, M/P
- Jul 2008 Shape Forming LCD, M/P
- Jun 2008 1/64Duty STN, COG, M/P
- May 2008 STN, 1/64 duty, M/P
- Apr 2008 STN, 1/32 duty, M/P
- Mar 2008 5-color Silk Printing
- Feb 2008 1/16Duty STN, M/P
- Jan 2008 HTN, Top: -40~100C, M/P



Glory Sound (Asia) Ltd.

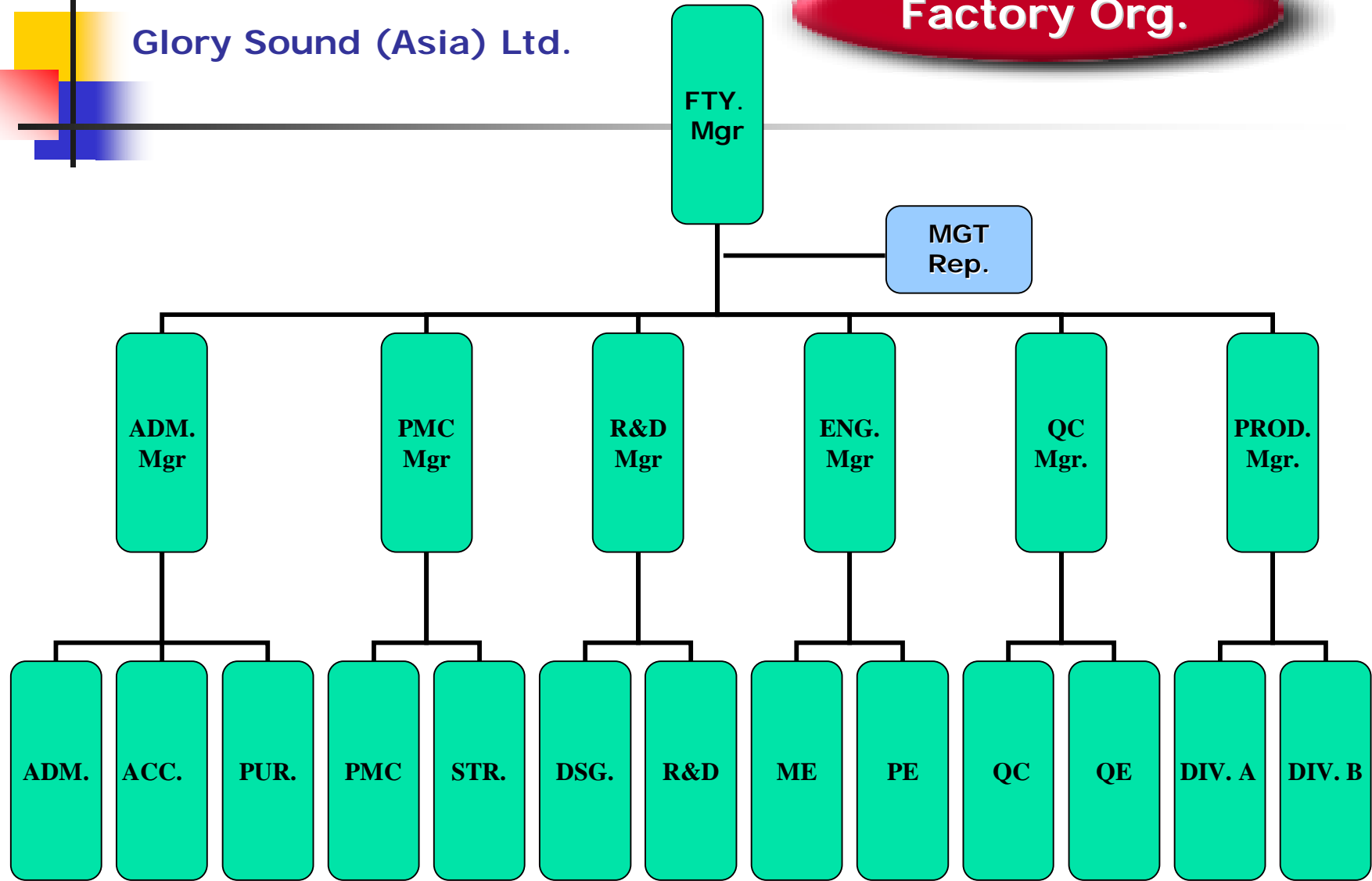
Company Org.





Glory Sound (Asia) Ltd.

Factory Org.



Glory Sound (Asia) Ltd.

Staff

15	R & D Engineers
15	Process Engineers
25	Quality Engineers
20	Management
320	Operators
400	TOTAL

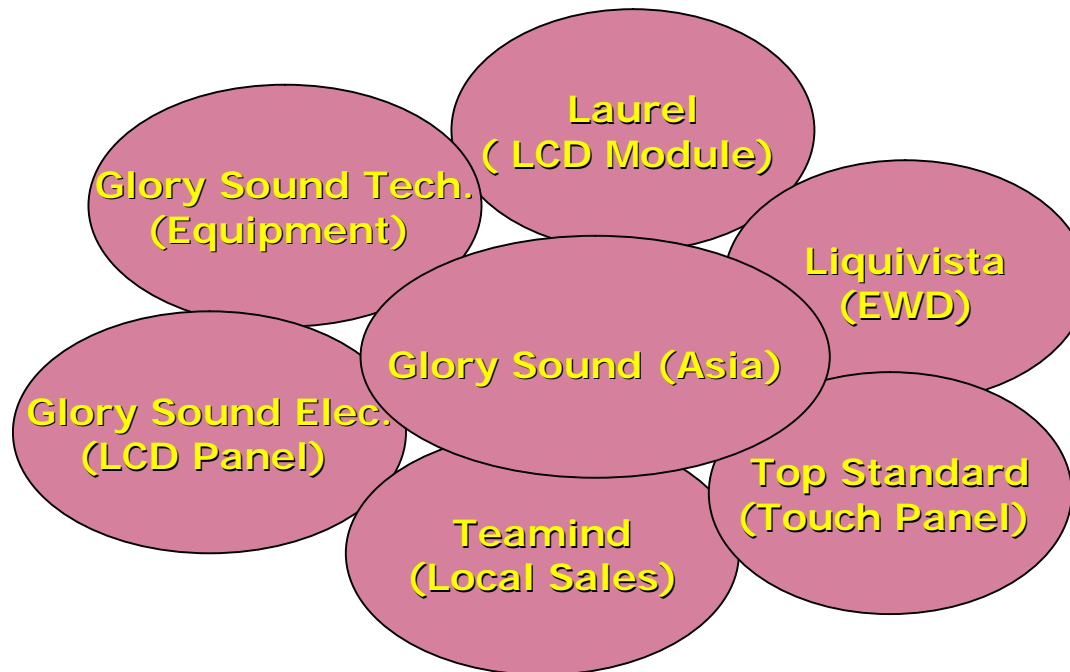
www.glorysoundasia.com





Glory Sound (Asia) Ltd.

Sister Companies



www.glorysoundasia.com





Glory Sound (Asia) Ltd.



Main Customers

Main Customer Name	Products	Area	Remarks
Optotech	LCD module	HK	Various
H&W	Vending M/C	Italy	STN
Hai'er	Aircon	China	TN
Victronix	Watch	Swiss	FSTN/COG
Matsushita	Home Appl.	Japan	TN
Landis & gyz	Power meter	Swiss	HTN
Kronsberg	Navigator Ins.	Norway	FSTN/TAB

www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Product Lines

LCD Panel

TN, 1st Min. TN, HTN,STN,FSTN
Shape Forming, Black Mask

LCD Module

SMT, COB, COG, TAB, Heat Seal
Mono-color, CSTN, TFT

Touch Panel

Digital, Analog

EWD

Segment/Dot Matrix; Muti-Colors

www.glorysoundasia.com



LCD Panel

Min. Dots Gap:	10um
Max. Density:	2pcs/Batch(14*16")
Gls. Thickness:	0.4, 0.55, 0.7, 1.1mm
Black Mask:	Min. Gap of 0.15mm
FS LCD:	Multi-colors
Driver IC:	COG is available
Duty Cycle:	Up to 1/160D
Silk Printing:	Up to 5 colors
Operating Temp:	-40~100 C for TN & HTN
Operating Temp:	-30~80 C for 1/16D STN
Operating Temp:	-25~75 C for 1/64D STN
Operating Temp:	-20~70 C for 1/128D STN



Glory Sound (Asia) Ltd.

Capacity

LCD
Panel

30,000 Pairs 14*16"/Month

LCD
Module

160k pcs /Month

Touch
Panel

8,000 Pairs 14*16"/Month

EWD

1,000 Pairs 14*16"/Month

www.glorysoundasia.com



Glory Sound (Asia) Ltd.

ISO Certification



ISO 9001-2000V
Certification in 2007

www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

Standard Character type LCM



16*4



16*2

www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

Standard Graphic type LCM



128*64



160*128

www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

Standard Graphic type LCM



240*128



240*128

www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

Standard Graphic type LCM



320*240

www.glorysoundasia.com

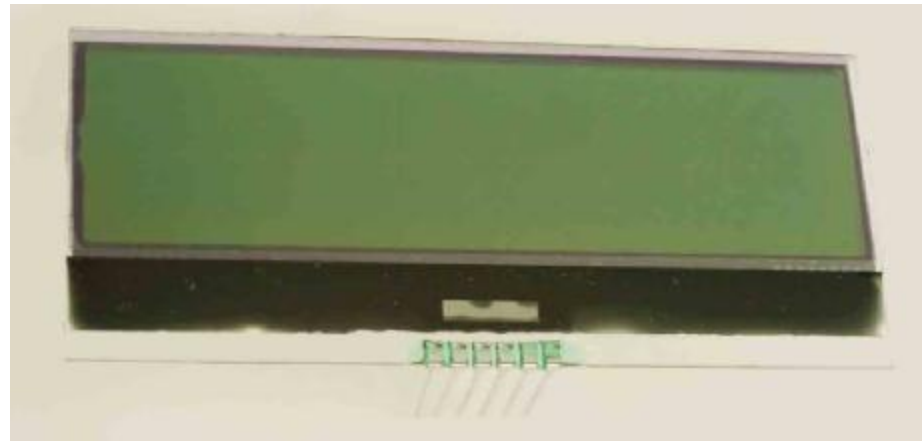




Glory Sound (Asia) Ltd.

Products

COG Type LCM with Metal Pins



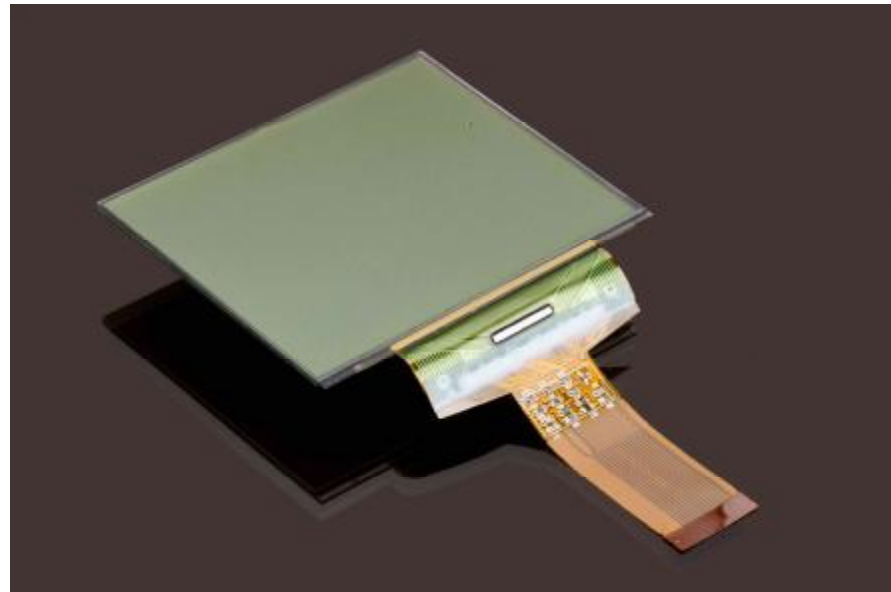
www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

TAB Type LCM



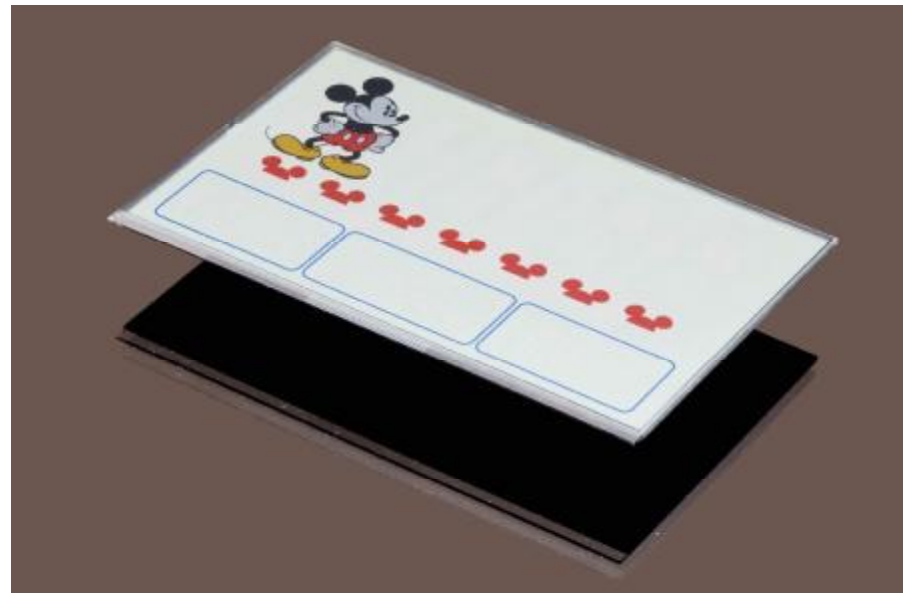
www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

5 Colors Silk Printing



www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

TN products with Color POL.



Golden Background
Black Digits

Pink Background
Black Digits

Blue Background
Black Digits

www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

TN products with Color POL.



Blue Background
Gray Digits

Gray Background
Blue Digits

Gray Background
Red Digits

Gray Background
Purple Digits

www.glorysoundasia.com





Glory Sound (Asia) Ltd.

Products

Watch LCD



FSTN, Corner cut

www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

EWD Display



Multi-color Backgrounds

Multi-color Digits

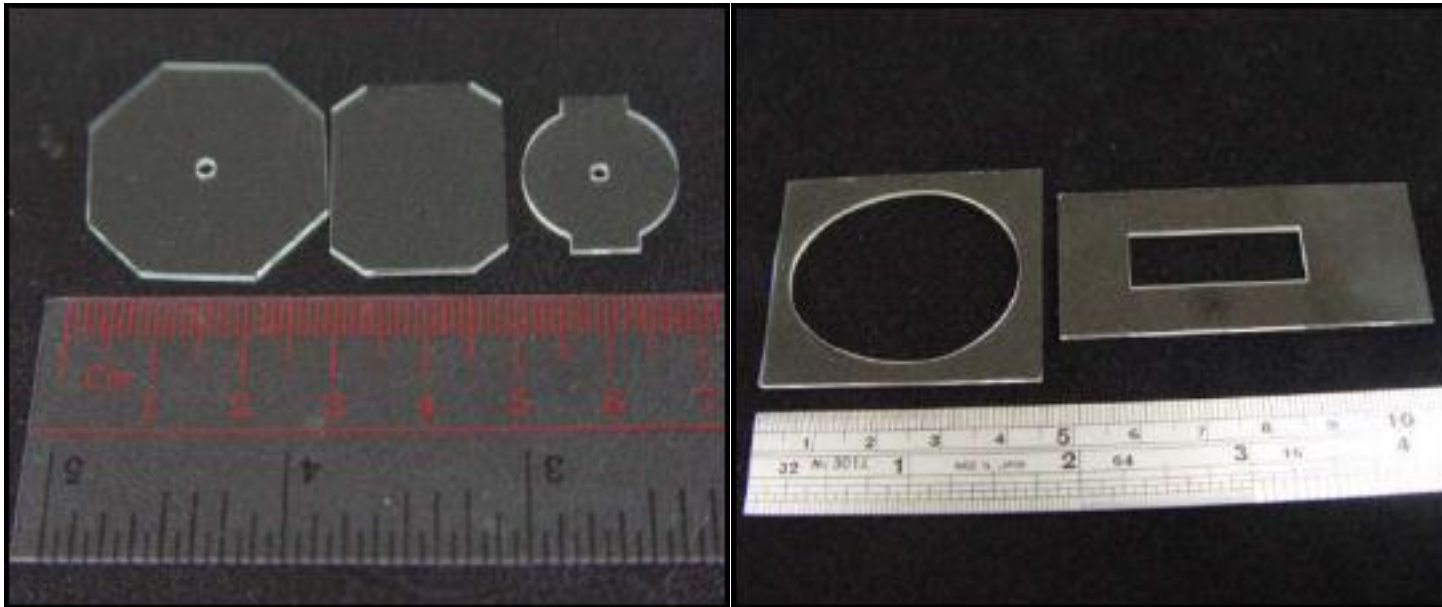
www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

LCD shape Forming



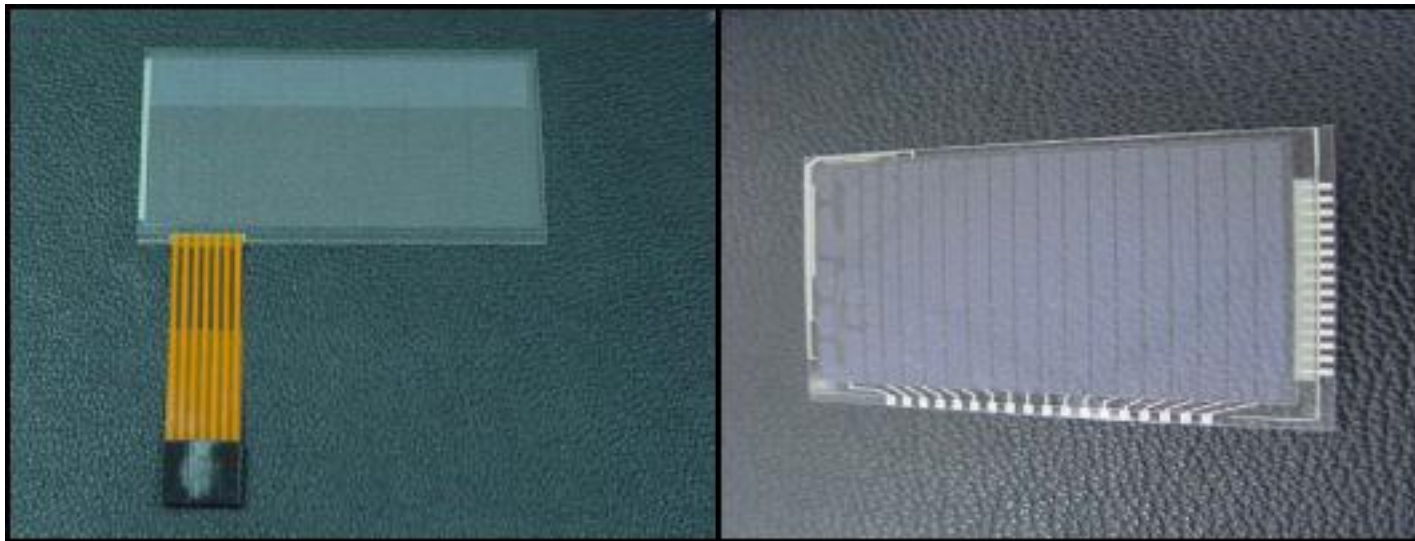
www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Products

Touch Panel



www.glorysoundasia.com



Glory Sound (Asia) Ltd.

Facilities



Pre-Cleaning



Glory Sound (Asia) Ltd.

Facilities



Photo Exposure



Glory Sound (Asia) Ltd.

Facilities



Developing



Glory Sound (Asia) Ltd.

Facilities



PI Coating



Glory Sound (Asia) Ltd.

Facilities



Rubbing



Glory Sound (Asia) Ltd.

Facilities



Dot/Edge Printing



Glory Sound (Asia) Ltd.

Facilities



Pol. Lamination



Glory Sound (Asia) Ltd.

Facilities



Identification to Customer's Requirements

Review to Customer's Requirements

Review to R & D Documents

Design & Development Verification

Design & Development Validation

Investigation Table

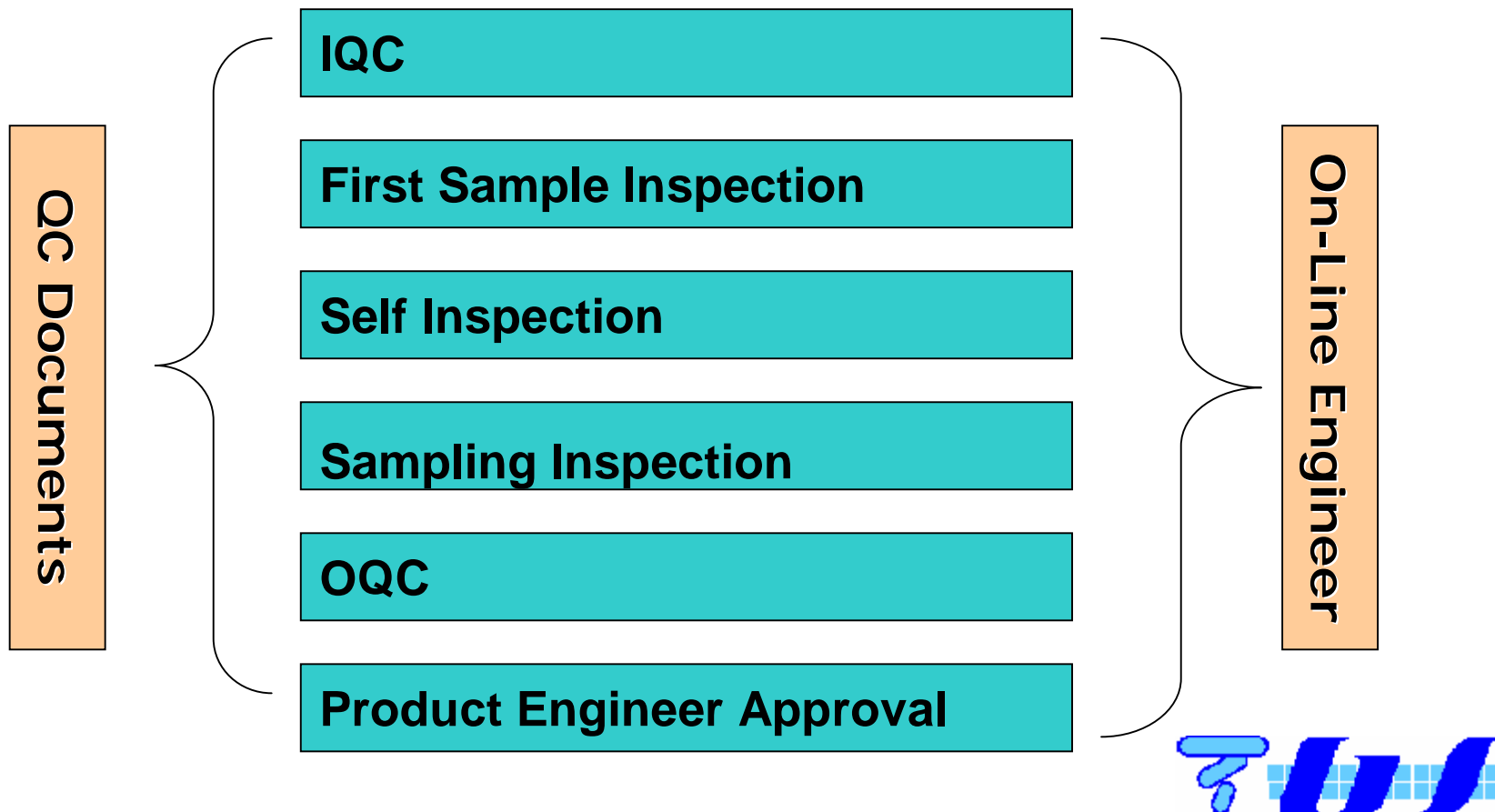
QC Documents Planning

Review to the Documents

Verification in Pilot Production

Evaluation and Approval to QC Documents





Periodic Experiments

High Temp. Storage

Low temp. Storage

High Temp. & High Humidity

Temp. Cycle

Temp. Shock

High Temp. Operating

Low Temp. Operating

Other necessary Experiments

Specified Experiments





Glory Sound (Asia) Ltd.

Display the perfect

www.glorysoundasia.com

