

On Customer Site

## Visit Report

**Reference :**

|                                  |                |                          |             |
|----------------------------------|----------------|--------------------------|-------------|
| Commande BSTe France : CM2004030 |                | Call / PM number : PM341 |             |
| Customer :                       | Lysipack       | System :                 | iPQ Center  |
| Customer Contact :               | M. Jimmy Suire | SN / WA :                | WA0021179   |
| Customer Order number :          | ACU231484      | Machine Nickname :       | BOBST 20SIX |

**Visit Purpose :**

|                        |                                        |                |                                     |                 |                          |
|------------------------|----------------------------------------|----------------|-------------------------------------|-----------------|--------------------------|
| Mechanical Preparation | <input type="checkbox"/>               | Installation   | <input type="checkbox"/>            | Start-up        | <input type="checkbox"/> |
| Maintenance            | <input checked="" type="checkbox"/>    | Under Contract | <input checked="" type="checkbox"/> | Out of Contract | <input type="checkbox"/> |
| Troubleshoot           | <input type="checkbox"/>               | Under Warranty | <input type="checkbox"/>            | Out of Warranty | <input type="checkbox"/> |
| Instruction            | <input type="checkbox"/> Yes           |                |                                     |                 |                          |
|                        | <input checked="" type="checkbox"/> No |                |                                     |                 |                          |

|             | 13/06/2022 | 14/ 06/ 2022 |  |  | / / | / / |
|-------------|------------|--------------|--|--|-----|-----|
| Travel To   | 6.0        | 0.5          |  |  |     |     |
| Start Time  | 16h30      | 8h30         |  |  |     |     |
| Lunch Time  | 0.5        | 0.5          |  |  |     |     |
| End Time    | 19h45      | 10h00        |  |  |     |     |
| Travel From | 0.5        | 6.0          |  |  |     |     |

|         |                         |
|---------|-------------------------|
| Details | Maintenance préventive. |
|---------|-------------------------|

Purpose of the visit completed :      Yes ☒      No ☐

Need a new visit :      Yes ☐      No ☒

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## Maintenance Checklist for iPQ systems

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Customer name and place : [Lysipack / ZI de Merpins – Avenue des Torulas, 16100 Merpins](#)

Contact person at customer : [M. Jimmy Suire](#)

Customer Mail & Mobile/Landline : [jimmy.suire@lysipack.fr](mailto:jimmy.suire@lysipack.fr) / +33 6 68 32 78 13 (Maintenance Manager)

System Type : [iPQ Center](#)

WA/ASO : [WA0021179/ASO067320](#)

Machine Manufacturer/Model/Nickname : [BOBST/20SIX CS10/BOBST](#)

Date : [13/06/2022](#)

Name : [Richard Relin](#)

Comments :

Signatures :



Richard Relin 2022-06-14T10:05:26+02:00



Cedric Daguset 2022-06-14T10:05:07+02:00

BST eltromat FSE

Customer

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### Prior to a Preventive Maintenance :

Check for system affecting modification reports and software releases.

Check for iPQ-Spectral sensor replace date.

Check with customer about problems and demands.

OK/NOK/NA

#### 1. Replace filters of cabinets, check fan function.

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#### 2. Visual check of system basic hardware condition :

OK/NOK/NA

- Check if all screws are in position and tightened.
- Check cables for damages and correct fit in cable trunks.
- Check if all connectors are tightened.

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#### 3. Check image quality of screens with test pattern :

OK/NOK/NA

- Load test pattern from screen supplier on computer and display on all screens.
- Check for color quality, pixel defects, contrast, brightness.
- Recalibrate touch screen if necessary.

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#### 4. Traverse and WSC-Camera according to separate instruction :

OK/NOK/NA

- Replace flash bulbs for main flash.
- Clean glasses in front of main flash.
- Change filters, check fan function.
- Clean lens from dust.
- Clean shadow reducing backplate.
- Check flash bulb in lacquer (Cold Seal) flash.
- Clean half mirrored glass in lacquer flash.
- Check ZIF function with buttons on WSC Control Board.
- Visual check and cleaning of traverse bars.

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**5. Check power flash or homogeneous BackPlate :**

OK/NOK/NA

- Check function of flash bulbs according to instruction.
- Clean surface of white plate.
- Visual check and cleaning of traverse bars.

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**6. Alarm status indicator :**

OK/NOK/NA

- Check function of light bulbs in green, yellow and red.
- Check function of acoustic alarm.

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**7. Verify the web way in front of line cameras and under measurement wheel :**

OK/NOK/NA

- There must be no waves on the web.
- The rollers must be smooth, not (max. slightly) spiraled. (iPQ-Check, sis,icm,bc).
- The guide rollers must rotate with the web speed.
- The measuring wheel must be mounted on a roller wrapped  $\geq 90^\circ$  material.
- The line camera must be mounted according to project drawing.
- Web guiding unit in machine must be in operation.

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**8. Line ship cameras and illumination LED function and image quality :**

OK/NOK/NA

- Clean internal mirrors and camera lenses with mirror cleaner.
- Clean LED front illumination and possible LED backlight with window cleaner.
- Verify mechanical mounting of components, special the position of LED backlight to front illumination unit.
- Check LEDs function by sunglasses or welding glasses.
- Change filters and check fans on function.
- Check / proceed the mechanical alignment.
- Check / proceed a white alignment.
- Check / proceed a shading.

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**9. Check measurement wheel :** Encoder = 2160 pulses

OK/NOK/NA

- Mounted according to latest mechanical drawing. ☒ ☐ ☐
- Pressure according to iPQ-Check maintenance manual. (10-15N) ☒ ☐ ☐
- No dirt or damages on rubber surface. ☒ ☐ ☐
- Smooth running. ☒ ☐ ☐
- Running on the web. ☒ ☐ ☐
- Not too far from line camera unit ( $\leq 1$  meter). ☒ ☐ ☐
- Rollers not or only slightly spiraled. ☒ ☐ ☐

OK/NOK/NA

**10. Exchange the UPS battery according to iPQ-Check maintenance.**

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- Model : 9400-6335 / EL1200USBFR Date : 2020

**11. Check for useful software update with release letter : (\*)**

OK/NOK/NA

- Update to latest released software version IF system is affected from bug fixes and/or new functions and features. ☒ ☐ ☐
- Check if an update of communication Workflow components is also necessary. ☐ ☐ ☒

**12. Check function and performance of the system :**

OK/NOK/NA

- Performance of 100% print defect detection. ☒ ☐ ☐
- System performance at splice situations. ☒ ☐ ☐
- System performance after "out of print" situations. ☒ ☐ ☐
- System performance close to max. iPQ check system speed. ☒ ☐ ☐
- Check function/performance of additional software options like barcode, color Monitoring, Smartregister, etc. ☐ ☐ ☒
- Check remote service function with BST eltromat RS. (\*\*) ☒ ☐ ☐
- Teamviewer Version check and upgrade (v12) : ☒ ☐ ☐
- Check availability of system in customer network for snapshot gallery, pdf-upload And WorkFlow applications. ☐ ☐ ☒

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**13. Give an instruction and production guiding for system operators.**

OK/NOK/NA

- Explain new functions from software upgrade ☐ ☒ ☐
- Proceed a practice training at machine about all basic functions. ☐ ☒ ☐
- Explain special functions more detailed on operators request. ☐ ☒ ☐
- Guide the production and watch how operators work with the system to give hints for a better operation. ☒ ☐ ☐

**14. Backup for customer :**

OK/NOK/NA

- *Preconditions : above points are checked and okay* ☒ ☐ ☐
- Backup HardDisk or Image-PC exist from current Base Image -PC. ☒ ☐ ☐
- If NOK on previous point, make a new Image-PC or Backup HDD. ☐ ☒ ☐
- Write date and WA/ASO number on Backup HardDisk or Image-PC file name and give a copy to the customer. ☐ ☒ ☐

**15. Make a backup for our own service purpose and put this on our server. (\*\*\*)**

OK/NOK/NA

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## Technical datas

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Main Power 230V Input : [241.6V](#)

Computer name : [21179iPQ-Center1-1](#)

Computer description : [iPQ-Center,WA21179](#)

Total Physical Memory : [32 GB](#)

Free Space in C Drive (System) : [41.5 GB](#)

Free Space in D Drive (Data) : [96 GB](#)

Free Space in E Drive (Log) : [40.1 GB](#)

Free Space in F Drive (Protocol) : [1.63 TB](#)

Screen Resolution 1 : [1920x1080](#)

Screen Resolution 2 : [1920x1080](#)

Camera Type : [2x DALSA P4 40KHz](#)

Computer Model / Image : [IPC-BKA-BSTE01](#)

Date : [2020](#)

|     |                   |                                  |       |
|-----|-------------------|----------------------------------|-------|
| (*) | Global Version :  | Current : <a href="#">2.17.3</a> | New : |
|     | TCU.x :           | Current : <a href="#">1.12</a>   | New : |
|     | WSX_3xx/WSC_4xx : | Current : <a href="#">1.9.5</a>  | New : |
|     | PPS.3 :           | Current : <a href="#">2.2</a>    | New : |
|     | ILI-CTRL :        | Current : <a href="#">1.4.3</a>  | New : |

(\*\*) **Remote Maintenance (Teamviewer)**

IP address : [192.168.1.21](#)

Subnet mask : [255.255.255.0](#)

Default gateway : [192.168.1.1](#)

Preferred DNS server : [8.8.8.8](#)

Alternate DNS server : [8.8.4.4](#)

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**Remote Access (Snapshot gallery, pdf upload, WF applications)**

IP address :

Subnet mask :

Default gateway :

Preferred DNS server :

Alternate DNS server :

**Teamviewer ID :** [109 946 464](#) / v12

|                                                                 | OK/NOK/NA                                                                             |
|-----------------------------------------------------------------|---------------------------------------------------------------------------------------|
| (***) - Dcf and pdfx folder                                     | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| - Windows Credentials                                           | <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> |
| - iPQ-xxxxxx_bak_date_time.zip file generated from sysconfig.py | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| - MmxlpMap file in mmx folder for Check systems (Overlapping)   | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| - Screenshot from Application settings                          | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |
| - Screenshot from visconfig.py (Mmx + Srb + Image)              | <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> |

**Parts replaced during Preventive Maintenance :**

- |     |     |
|-----|-----|
| 1 – | 3 - |
| 2 - | 4 - |

**Parts suggested to replace during the next Maintenance :**

1 – [8 Bullbs for WSC](#)

2 –

**Part need to be replaced as soon as possible :**

- |     |     |
|-----|-----|
| 1 - | 4 - |
| 2 - | 5 - |

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Notes

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