

On Customer Site

Visit Report

Reference :

Commande BSTe France : CM1912027		Call / PM number : PM262	
Customer :	Hélios (Lessay)	System :	iPQ Center
Customer Contact :	M. Stéphane Aubril	ASO / WA :	WA19168
Customer Order number :		Machine Nickname :	BIVA 2 – CI12894

Visit Purpose :

Mechanical Preparation	☐	Installation	☐	Start-up	☐
Maintenance	☒	Under Contract	☒	Out of Contract	☐
Troubleshoot	☒	Under Warranty	☐	Out of Warranty	☐
Instruction	☐ Yes				
	☒ No				

	07 / 12 / 2021	08 / 12 / 2021	/ /	/ /	/ /	/ /
Travel To	0	0.5				
Start Time	14h30	11h45				
Lunch Time	0	0				
End Time	23h30	13h00				
Travel From	0.5	0				

Details	Maintenance préventive du système iPQ Center sur presse DCM BIVA 2. Mise à jour du logiciel à la dernière version + mise à jour des Firmwares. Backup Acronis. Changement de camera
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Purpose of the visit completed : Yes ☒ No ☐

Need a new visit : Yes ☐ No ☒

On Customer Site

Maintenance Checklist for iPQ systems

Available supporting documents :

- iPQ-Center Setup Instruction
- iPQ-Center Maintenance routines
- WSC-Camera Maintenance routine
- LED illumination maintenance routine

Customer name and place : [Hélios / 43 route de la ZI, 50430 Lessay](#)

Contact person at customer / Title : [M. Stéphane Aubril \(Responsable de Production\)](#)

Customer Mail & Mobile/Landline : saubril@helios-imp.com / +33 6 37 17 08 20

System Type : [iPQ Center](#)

WA/ASO : [WA19168](#)

Machine Manufacturer/Model/Nickname : [DCM / BIVA / BIVA 2](#)

Date : [09/12/2021](#)

Name : [Richard Relin](#)

Comments :

Signatures :

BST eltromat FSE

Customer

On Customer Site

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.

☒ ☐ ☐

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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On Customer Site

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. ☒ ☐ ☐

6. Alarm status indicator :

OK/NOK/NA

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

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. ☒ ☐ ☐

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. ☐ ☒ ☐

On Customer Site

9. Check measurement wheel : Encoder = 2100 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 (≤ 1 meter). ☒ ☐ ☐
- Rollers not or only slightly spiraled. ☒ ☐ ☐

OK/NOK/NA

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

☐ ☒ ☐

- Model : 9400-6334 / 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 Spectral color measurement :

OK/NOK/NA

- Check sensor front, sensor flashes and reference tiles for dust and contamination. ☐ ☐ ☒
- Proceed an alignment of sensor to backing by SUAT-tool. ☐ ☐ ☒
- Proceed an alignment of a possible backing wheel by SUAT-tool. ☐ ☐ ☒
- Check and clean backing from contamination. ☐ ☐ ☒
- Check if sensor can reach its manual calibration and parking position. ☐ ☐ ☒
- Check backing wheel functions : spin, air pressure, (parallel) position to web. ☐ ☐ ☒

13. 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. ☐ ☒ ☐

On Customer Site

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- | | |
|---|---|
| - 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. | ☐ ☐ ☒ |

14. 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. | ☐ ☒ ☐ |

15. Backup for customer :

OK/NOK/NA

- | | |
|--|---|
| - <i>Preconditions : above points are checked and okay</i> | ☒ ☐ ☐ |
| - 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. | ☐ ☒ ☐ |

OK/NOK/NA

16. Make a backup for our own service purpose and put this on our server. (*)**
☒☐☐

On Customer Site

Technical datas

Main Power 230V Input : [224V](#)

Computer name : [19168iPQ-Center1-1](#)

Computer description : [iPQ-Center, WA19168](#)

Total Physical Memory : [32 GB](#)

Free Space in C Drive (System) : [131 GB](#)

Free Space in D Drive (Data) : [154 GB](#)

Free Space in E Drive (Log) : [388 GB](#)

Free Space in F Drive (Protocol) : [1.75 TB](#)

Screen Resolution 1 : [1920x1080](#)

Screen Resolution 2 : [1920x1080](#)

Camera Type : [allPIXA](#)

Computer Model / Image : [R7910/BSTE01](#) / [Boot HDD = F11](#)

(*)	Global Version :	Current : 2.15.12	New : 2.17.2
	TCU.x :	Current : 1.12	New : 1.12
	WSX_3xx/WSC_4xx :	Current : 1.9.2	New : 1.9.2
	PPS.3 :	Current : 2.2	New : 2.2
	ILI-CTRL :	Current : 1.4.3	New : 1.4.3

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

IP address : [192.168.55.21](#)

Subnet mask : [255.255.255.0](#)

Default gateway : [192.168.55.3](#)

Preferred DNS server : [192.168.55.6](#)

Alternate DNS server :

On Customer Site

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

IP address :

Subnet mask :

Default gateway :

Preferred DNS server :

Alternate DNS server :

Teamviewer ID : [715 893 972 / v12](#)

	OK/NOK/NA
(***) - Dcf and pdfx folder	☐ ☒ ☐
- Windows Credentials	☐ ☒ ☐
- iPQ-xxxxxx_bak_date_time.zip file generated from sysconfig.py	☒ ☐ ☐
- MmxlpmMap file in mmx folder for Check systems (Overlapping)	☐ ☐ ☒
- Screenshot from Application settings	☒ ☐ ☐
- Screenshot from visconfig.py (Mmx + Srb + Image)	☒ ☐ ☐

Parts replaced during Preventive Maintenance :

- | | |
|-----------------------------|----------------------------------|
| 1 – Camera | 3 - Framegrabber |
| 2 - 8 bulbs | 4 - |

Parts suggested to replace during the next Maintenance :

- 1 – [Frontlight](#)
- 2 –

Part need to be replaced as soon as possible :

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

On Customer Site

Notes

-Problème de luminosité a voir avec David Tondu .