

On Customer Site

Visit Report

Reference :

Commande BSTe France : CM1912027		Call / PM number : PM259	
Customer :	Hélios (Périers)	System :	iPQ Center
Customer Contact :	M. Stéphane Aubril	ASO / WA :	ASO059449 / WA20832
Customer Order number :		Machine Nickname :	BIVA 2 – CI11892

Visit Purpose :

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

	19 / 05 / 2021	/ /	/ /	/ /	/ /	/ /
Travel To	5h00					
Start Time	13h30					
Lunch Time	0.5					
End Time	15h30					
Travel From	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.
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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 : [M. Stéphane Aubril](#)

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

System Type : [iPQ Center](#)

ASO/WA : [ASO059449/WA20832](#)

Machine Manufacturer/Model/Nickname : [DCM / 680/8 / BIVA 2](#)

Date : [06/12/2021](#)

Name : [Richard Relin et Jean-Baptiste Nguyen](#)

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 = 2632 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 : 1ELNT320553-190028948	Date : 2019	
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.		☐ ☐ ☒

On Customer Site

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

☒ ☐ ☐

On Customer Site

Technical datas

Main Power 230V Input : [231V](#)

Computer name : [20832iPQ-Center1-1](#)

Computer description : [iPQ-Center, WA20832](#)

Total Physical Memory : [32 GB](#)

Free Space in C Drive (System) : [47.5 GB](#)

Free Space in D Drive (Data) : [97.1 GB](#)

Free Space in E Drive (Log) : [49.1 GB](#)

Free Space in F Drive (Protocol) : [1.77 TB](#)

Screen Resolution 1 : [1920x1080](#)

Screen Resolution 2 : [1920x1080](#)

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

Computer Model / Image : [IPC-BG-BKA-BSTE01.0-2](#) / [Boot HDD = F12](#)

(*)	Global Version :	Current : 2.15.12	New : 2.17.4
	TCU.x :	Current : 1.12	New : 1.12
	WSX_3xx/WSC_4xx :	Current : 1.9.2	New : 1.9.5
	PPS.3 :	Current : 2.2	New : 2.2
	ILI-CTRL :	Current : 1.4.3	New : 1.4.3

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

IP address : [192.168.50.5](#)

Subnet mask : [255.255.255.0](#)

Default gateway : [192.168.50.254](#)

Preferred DNS server : [8.8.8.8](#)

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 : [1 402 756 310 / v12](#)

	OK/NOK/NA
(***) - Dcf and pdfx folder	☐ ☒ ☐
- Windows Credentials	☐ ☒ ☐
- iPQ-xxxxxx_bak_date_time.zip file generated from sysconfig.py	☒ ☐ ☐
- MmxlpMap 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 – | 3 - |
| 2 - | 4 - |

Parts suggested to replace during the next Maintenance :

- 1 – [8 Bulbs flash](#)
- 2 –

Part need to be replaced as soon as possible :

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

On Customer Site

Notes
