

On Customer Site

A.Darcel

Visit Report

Reference :

Commande BSTe France : CM1707004 / PR220906		Call / PM number : PM358	
Customer :	Coveris Decorative	System :	iPQ Center
Customer Contact :	M. Christophe Lairault	SN / WA :	ASO 046809 / WA20270
Customer Order number :	CDE 12255	Machine Nickname :	VSOP

Visit Purpose :

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

	19 / 09 / 2022	20 / 09 / 2022				
Travel To	4h30	0.25				
Start Time	13h30	8H15				
Lunch Time	0	0				
End Time	18h15	10H00				
Travel From	0.25	2				

Details	Maintenance préventive du système iPQ Center sur presse offset Müller Martini suivant check list. Remplacement des Flash Bulbs.
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Purpose of the visit completed : Yes ☒ No ☐

Need a new visit : Yes ☐ No ☒

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 : [Coveris Decorative / ZI n°3, 148 Boulevard Salvador Allende, 16340 L'Isle-d'Espagnac](#)

Contact person at customer / Title : [M. Christophe Lairault / Chef de Maintenance](#)

Customer Mail & Mobile/Landline : christophe.lairault@coveris.com / +33 5 45 37 07 07

System Type : [iPQ Center](#)

WA/ASO : [WA20270 / ASO 046809](#)

Machine Manufacturer/Model/Nickname : [Müller Martini / VSOP 850 / VSOP](#)

Date : [20/09/2022](#)

Name : [Arnaud Darcel](#)

Comments :

Signatures :



Arnaud Darcel 2022-09-20T09:27:42+02:00

BST eltromat FSE



Christophe Lairault 2022-09-20T09:27:27+02:00

Customer

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.
- Check DC flash voltage (480 V) *
- 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 :

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 : [EL1200USBIEC](#) Date : [2018 \(Batteries 2022\)](#)

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. ☐☐☒

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. ☐☒☐

OK/NOK/NA

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

Technical datas

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

Computer name : [20270iPQ-Center1-1](#)

Computer description : [iPQ Center, WA20270](#)

Total Physical Memory : [32 GB](#)

Free Space in C Drive (System) : [78.8 GB](#)

Free Space in D Drive (Data) : [101 GB](#)

Free Space in E Drive (Log) : [257 GB](#)

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

Screen Resolution 1 : [1920x1080](#)

Screen Resolution 2 : [1920x1080 \(Transmitter OoS\)](#)

Screen Resolution 3 :

Screen Resolution 4 :

Camera Type : [allPIXA](#)

Computer Model / Image : [R7910-E5-2630 \(BST01\)](#)

(*) WSC-Camera DC Flash camera measurement (480V) :

(**)	Global Version :	Current : 2.17.2	New : 2.17.8
	TCU.x :	Current : 1.12	New : 1.12
	WSX_3xx/WSC_4xx :	Current : 1.9.4	New : 1.9.6
	PPS.3 :	Current : 2.2	New : 2.2
	ILI-CTRL :	Current : 1.4.3	New : 1.4.3

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

IP address : [Auto IP](#)

Subnet mask :

Default gateway :

Preferred DNS server :

Alternate DNS server :

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

IP address :

Subnet mask :

Default gateway :

Preferred DNS server :

Alternate DNS server :

Teamviewer ID : 899 864 183 / 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 – 8 Flash Bulbs

2 -

Parts suggested to replace during the next Maintenance :

1 – Disque SSD 512GB

2 –

Part need to be replaced as soon as possible :

1 – Transmitter HDMI

2 -

Notes

- Configuration IP pour communication LAN vers Front Illumination (192.168.4.10) and Back Illumination (192.168.4.11)
- Ecran Full view ne fonctionne plus : Transmitter HDMI HS