

On Customer Site

A.Darcel

Visit Report

Reference :

Commande BSTe France : CM1707004		Call / PM number : PM445	
Customer :	Coveris Decorative	System :	iPQ Center
Customer Contact :	M. Christophe Lairault	SN / WA :	ASO 046809 / WA20270
Customer Order number :		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				

	23 / 02 / 2023					
Travel To	0.5					
Start Time	13h30					
Lunch Time	0.5					
End Time	15h30					
Travel From	5.5					

Details	Maintenance préventive du système iPQ Center sur presse offset Müller Martini suivant check list.
---------	---

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 : [23/02/2023](#)

Name : [Richard Relin](#)

Comments :

Signatures :



Richard Relin 2023-02-23T15:35:45+01:00

BST eltromat FSE



Christophe Lairault2023-02-23T15:45:48+01:00

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~~/Clean 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.

☒ ☐ ☐

☒ ☐ ☐

☒ ☐ ☐

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.

☐ ☒ ☐

☒ ☐ ☐

☒ ☐ ☐

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.

☐ ☒ ☐

☒ ☐ ☐

☐ ☐ ☒

☒ ☐ ☐

☒ ☐ ☐

☒ ☐ ☐

☒ ☐ ☐

☒ ☐ ☐

☒ ☐ ☐

☒ ☐ ☐

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.

☒	☐	☐
☒	☐	☐
☒	☐	☐
☒	☐	☐
☒	☐	☐
☒	☐	☐
☒	☐	☐
☒	☐	☐

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](#)

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) : [258 GB](#)

Free Space in F Drive (Protocol) : [1.76 TB](#)

Screen Resolution 1 : [1920x1080](#)

Screen Resolution 2 : [1920x1080](#)

Screen Resolution 3 :

Screen Resolution 4 :

Camera Type : [allPIXA](#)

Computer Model / Image : [H3TS1L2 / R7910-E5-2630 \(BST01\)](#)

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

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

(***) **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 - | 3 - |
| 2 - | 4 - |

Parts suggested to replace during the next Maintenance :

- | | |
|-----------------|-----|
| 1 –Flash Bulbs | 3 - |
| 2 – UPS (5 ans) | 4 - |

Part need to be replaced as soon as possible :

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

Notes

-UPS proposer pour prochain maintenance de manière preventive.