

On Customer Site

A.Darcel

Visit Report

Reference :

Commande BSTe France : CM1705001		Call / PM number : PM476	
Customer :	Multisac	System :	iPQ Center
Customer Contact :	M. Eric Delolme	SN / WA :	ASO23006 / WA19380
Customer Order number :		Machine Nickname :	Miraflex

Visit Purpose :

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

	10/05/2023					
Travel To	0.5					
Start Time	08h30					
Lunch Time	0.5					
End Time	15h00					
Travel From	5.0					

Details	Maintenance préventive du système iPQ Center sur presse W&H Miraflex .
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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 : [Multisac \(Groupe SIGOPLAST\) / Z.A La Combe – 1 rue des perdrix, 43320 Chapuzac](#)

Contact person at customer / Title : [M. Eric Delolme / Responsable de Production](#)

Customer Mail & Mobile/Landline : e.delolme@multisac.fr / +33 4 71 06 68 64

System Type : [iPQ Center](#)

WA/ASO : [WA19380 / ASO23006](#)

Machine Manufacturer/Model/Nickname : [W&H / Miraflex CM / Miraflex](#)

Date : [10/05/2023](#)

Name : [Richard Relin](#)

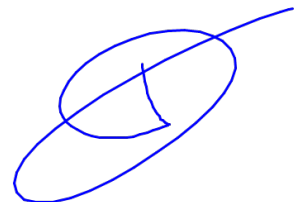
Comments :

Signatures :



Richard Relin 2023-05-11T09:09:20+02:00

BST eltromat FSE



Eric Delolme 2023-05-10T15:16:50+02:00

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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 /NA

1. Replace filters of cabinets, check fan function.☒ ☐**2. Visual check of system basic hardware condition :**

OK/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/ 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 /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 ZIF function with buttons on WSC Control Board.
- Visual check and cleaning of traverse bars.

☒ ☐☒ ☐☒ ☐☒ ☐☒ ☐☒ ☐☒ ☐☒ ☐

5. Check power flash or homogeneous BackPlate :

OK/ 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/ 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/ 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 /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/ 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/ NA

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

- Model : [EL1200USBIEC](#) Date : [2019](#)

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

OK/ 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/ NA

- Performance of 100% print defect detection. ☒ ☐
- System performance at splice situations. ☒ ☐
- 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 /NA

- Explain new functions from software upgrade

☐ ☒

OK /NA

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

☒ ☐

Technical datas

Main Power 230V Input : [235V](#)

Computer name : [19380iPQ-Center1-1](#)

Computer description : [iPQ-Center, WA19380](#)

Total Physical Memory : [32 GB](#)

Free Space in C Drive (System) : [81.2 GB](#)

Free Space in D Drive (Data) : [104 GB](#)

Free Space in E Drive (Log) : [264 GB](#)

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

Screen Resolution 1 : [1920x1080](#)

Screen Resolution 2 : [1920x1080](#)

Screen Resolution 3 : [1920x1080](#)

Screen Resolution 4 :

Camera Type : [allPIXA](#)

Computer Model / Image : [GNR0VB2 / R7910-E5-2630 \(BST01\)](#)

(*)	Global Version :	Current : 2.17.2	New :
	TCU.x :	Current : 1.9.2	New :
	WSX_3xx/WSC_4xx :	Current : 1.9.4	New :
	PPS.3 :	Current : 2.2	New :
	ILI-CTRL :	Current : 1.4.3	New :

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

IP address : [10.3.219.195](#)

Subnet mask : [255.255.255.0](#)

Default gateway : [10.3.219.241](#)

Preferred DNS server : [10.3.219.231](#)

Alternate DNS server : [10.3.219.204](#)

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

IP address :

Subnet mask :

Default gateway :

Preferred DNS server :

Alternate DNS server :

-QA= 10.3.219.230

Teamviewer ID : 486 271 966 / v12

	OK/NO
(***) - 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 Bulbs Flash	3 –
2 –	4 –

Parts suggested to replace during the next Maintenance :

1 –	3 –
2 –	4 –

Part need to be replaced as soon as possible :

1 -	4 -
2 -	5 -

Notes

-Caméra commence a fatigué mais n'affecte pas la détection de défauts