

On Customer Site

Visit Report

Reference :

Commande BSTe France : CM1709009		Call / PM number : PM242	
Customer :	Emsur S.P.O	System :	iPQ Center
Customer Contact :	M. Frederic Bruant	SN / WA :	ASO033446 WA19752
Customer Order number :	ACU231484	Machine Nickname :	FLEXOTECHNICA EVO SD N

Visit Purpose :

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

	27/10/2021				/ /	/ /
Travel To	4h00					
Start Time	14h30					
Lunch Time	0.5					
End Time	19h00					
Travel From	4h00					

Details	Maintenance préventive. Mise a jour du système calibration camera matricielle et changement flash bulbs.
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Purpose of the visit completed : Yes ☒ No ☐

Need a new visit : Yes ☐ No ☒

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Maintenance Checklist for iPQ systems

Customer name and place : [Rue Julianne Robert 53340 Ballée France](#)

Contact person at customer : [M. Frederic Bruant](#)

Customer Mail & Mobile/Landline : frederic.bruant@emsur.com 0243643685

System Type : [iPQ Center](#)

WA/ASO : [ASO033446 / WA19752](#)

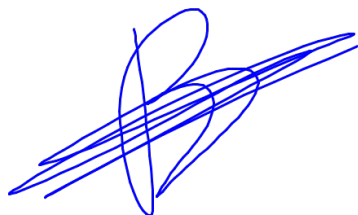
Machine Manufacturer/Model/Nickname : [FLEXOTECNICA / EVO SD N](#)

Date : [27/10/2021](#)

Name : [Richard Relin](#)

Comments :

Signatures :



Richard Relin 2021-10-27T19:09:06+02:00



David bridier 2021-10-27T19:31:41+02:00

BST eltromat FSE

Customer

Prior to a Preventive Maintenance :

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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.

☒ ☐ ☐

☒ ☐ ☐

☐ ☒ ☐

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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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.	☐	☒ ☐

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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 : [9400-6335 / 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. ☐ ☐ ☒

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|---|---|
| - 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. | ☐ ☐ ☒ |

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. (*)**
☒ ☐ ☐

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Technical datas

Main Power 230V Input : [240.3V](#)Computer name : [19752iPQ-Center1-1](#)Computer description : [iPQ-Center,WA19752](#)Total Physical Memory : [32 GB](#)Free Space in C Drive (System) : [49.7 GB](#)Free Space in D Drive (Data) : [97 GB](#)Free Space in E Drive (Log) : [49.1 GB](#)Free Space in F Drive (Protocol) : [1.24 TB](#)Screen Resolution 1 : [1920x1080](#)Screen Resolution 2 : [1920x1080](#)Camera Type : [2x DALSA P4 40KHz](#)Computer Model / Image : [IPC-BKA-BSTE01](#)Date : [2017](#)

(*)	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 : 1.9.4
	PPS.3 :	Current : 2.2	New : 2.2
	ILI-CTRL :	Current : 1.4.3	New : 1.4.3

() Remote Maintenance (Teamviewer)**IP address : [192.1.1.140](#)Subnet mask : [255.255.254.0](#)Default gateway : [192.1.1.252](#)Preferred DNS server : [192.1.1.5](#)Alternate DNS server : [192.1.1.1](#)

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

IP address :

Subnet mask :

Default gateway :

Preferred DNS server :

Alternate DNS server :

Teamviewer ID : [1 248 594 841](#) / 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 - [16 Bullbs for WSC](#) 3 -

2 - 4 -

Parts suggested to replace during the next Maintenance :

1 -

2 -

Part need to be replaced as soon as possible :

1 - 4 -

2 - 5 -

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Notes
