

On Customer Site

COUTELLIER.V

## Visit Report

### Reference :

|                         |                      |                          |                 |
|-------------------------|----------------------|--------------------------|-----------------|
| Commande BSTe France :  |                      | Call / PM number : PM747 |                 |
| Customer :              | Multisac (Chaspuzac) | System :                 | Premius Digital |
| Customer Contact :      | M. Eric Delolme      | ASO / WA :               | 167093BE_0071   |
| Customer Order number : |                      | Machine Nickname :       | Primaflex       |

### Visit Purpose :

|                        |                                        |                |                                     |                 |                          |
|------------------------|----------------------------------------|----------------|-------------------------------------|-----------------|--------------------------|
| Mechanical Preparation | <input type="checkbox"/>               | Installation   | <input type="checkbox"/>            | Start-up        | <input type="checkbox"/> |
| Maintenance            | <input checked="" type="checkbox"/>    | Under Contract | <input checked="" type="checkbox"/> | Out of Contract | <input type="checkbox"/> |
| Troubleshoot           | <input type="checkbox"/>               | Under Warranty | <input type="checkbox"/>            | Out of Warranty | <input type="checkbox"/> |
| Instruction            | <input type="checkbox"/> Yes           |                |                                     |                 |                          |
|                        | <input checked="" type="checkbox"/> No |                |                                     |                 |                          |

|             | 18 / 11 / 2024 | 19/11/2024 | 20/11/2024 | / / | / / | / / |
|-------------|----------------|------------|------------|-----|-----|-----|
| Travel To   | 5              | 0.5        | 0.5        |     |     |     |
| Start Time  | 14h00          | 9h00       | 9h00       |     |     |     |
| Lunch Time  | 0.5            | 1          | 1          |     |     |     |
| End Time    | 18h30          | 19h00      |            |     |     |     |
| Travel From | 0.5            | 0.5        | 5          |     |     |     |

|         |                                                                                                                                                                     |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Details | <p>Maintenance préventive du système PREMIUS Digital.</p> <p>La courroie de la caméra est craquelée sur toute sa longueur, prévoir un remplacement de celle-ci.</p> |
|---------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Purpose of the visit completed : Yes ☒ No ☐

Need a new visit : Yes ☐ No ☒

## Maintenance Checklist for iPQ systems

|                |                                                                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Client Name    | Multisac (Chaspuzac)                                                                                                                            |
| Account Number | 230116                                                                                                                                          |
| CONTACT 1      | M. Lionel Januel / M. Pierrick Fourné-Faillard                                                                                                  |
| POSITION 1     | Responsable Développement                                                                                                                       |
| PHONE 1        | <a href="tel:+33668093874">+33 6 68 09 38 74</a> / <a href="tel:+33471066868">+33 4 71 06 68 68</a>                                             |
| EMAIL 1        | <a href="mailto:l.januel@multisac.fr">l.januel@multisac.fr</a> / <a href="mailto:p.fournet-fayard@multisac.fr">p.fournet-fayard@multisac.fr</a> |
| CONTACT 2      | M. Eric Delolme                                                                                                                                 |
| POSITION 2     | Directeur de production                                                                                                                         |
| PHONE 2        | <a href="tel:+33471066864">+33 4 71 06 68 64</a>                                                                                                |
| EMAIL 2        | <a href="mailto:e.delolme@multisac.fr">e.delolme@multisac.fr</a>                                                                                |
| Address        | Z.A La Combe – 1 rue des perdrix                                                                                                                |
| Zip            | 43320                                                                                                                                           |
| City           | Chaspuzac                                                                                                                                       |
| Country        | France                                                                                                                                          |

Date : 20/11/2024

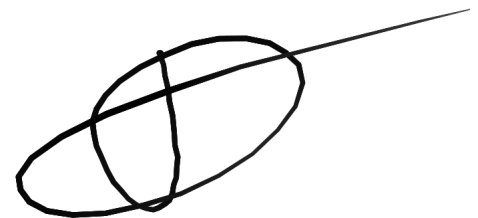
Name : Vivien Coutellier

Comments :

Signatures :



BST eltromat FSE



20/11/2024 16:51

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.

**1. Replace filters of cabinets, check fan function.**

OK/NOK/NA

☒ ☐ ☐

**2. Visual check of system basic hardware condition :**

- 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.

OK/NOK/NA

☒ ☐ ☐

☒ ☐ ☐

☒ ☐ ☐

**3. Check image quality of screens with test pattern :**

- 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.

OK/NOK/NA

☐ ☐ ☒

☒ ☐ ☐

☐ ☐ ☒

**4. Traverse and WSC-Camera according to separate instruction :**

- 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.

OK/NOK/NA

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**5. Check power flash or homogeneous BackPlate :**

- Check function of flash bulbs according to instruction.
- Clean surface of white plate.
- Visual check and cleaning of traverse bars.

OK/NOK/NA

|                                     |                          |                          |
|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**6. Alarm status indicator :**

- Check function of light bulbs in green, yellow and red.
- Check function of acoustic alarm.

OK/NOK/NA

|                                     |                          |                          |
|-------------------------------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

**7. Verify the web way in front of line cameras and under measurement wheel :**

- 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.

OK/NOK/NA

|                                     |                          |                                     |
|-------------------------------------|--------------------------|-------------------------------------|
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**8. Line ship cameras and illumination LED function and image quality :**

- 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.

OK/NOK/NA

|                                     |                          |                                     |
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| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**9. Check measurement wheel :**

- 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 ( $\leq 1$  meter).
- Rollers not or only slightly spiraled.

OK/NOK/NA

|                          |                          |                                     |
|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

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

- Model : \_\_\_\_\_ Date : ~~\_\_\_\_\_~~

OK/NOK/NA

|                          |                          |                                     |
|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--------------------------|--------------------------|-------------------------------------|

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

- 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.

OK/NOK/NA

|                          |                          |                                     |
|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**12. Check function and performance of the system :**

- 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 (v15) : *V12 pour Premicus*
- Check availability of system in customer network for snapshot gallery, pdf-upload And WorkFlow applications.

OK/NOK/NA

|                                     |                          |                                     |
|-------------------------------------|--------------------------|-------------------------------------|
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| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**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.

|                          |                          |                                     |
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| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

**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.

|                                     |                          |                                     |
|-------------------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/>            | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |
| <input type="checkbox"/>            | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/>            |

*add HDD in cabinet*

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

OK/NOK/NA

|                          |                          |                                     |
|--------------------------|--------------------------|-------------------------------------|
| <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
|--------------------------|--------------------------|-------------------------------------|

## Technical datas

Main Power 230V Input : 235.3V

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

980 046 100 / v12

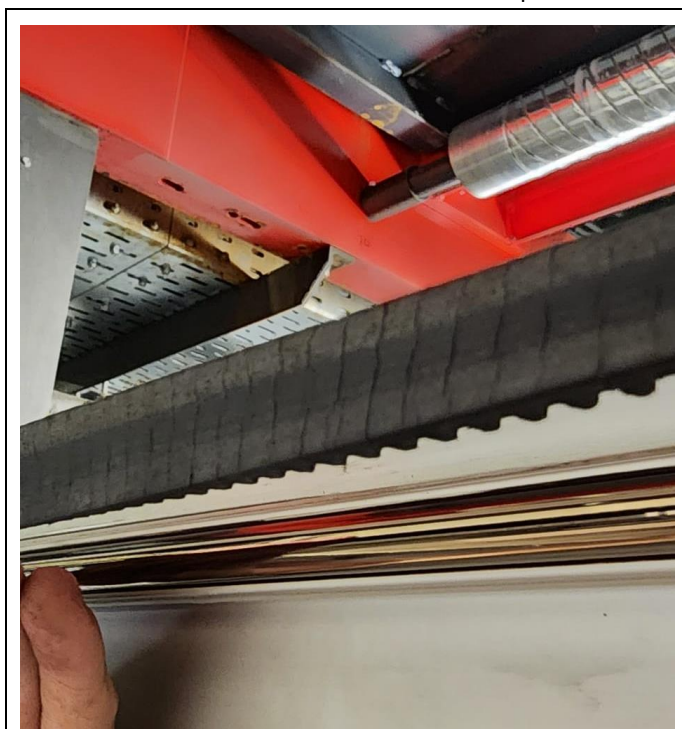
**Parts replaced during Preventive Maintenance :**

1 –

2 –

**Parts suggested to replace during the next Maintenance :**

1 - The belt of the traverse need to be replaced



2 -

**Part need to be replaced as soon as possible :**

1 -

2 -

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## Notes

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