En bild som visar mat, ritning

Automatiskt genererad beskrivning

**Inspection checklist 6 month**

M100210  
  
Insula

**Afinion Cartridge Assembly**

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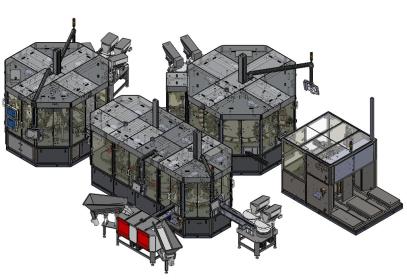
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# Document identity

En bild som visar mat, ritning

Automatiskt genererad beskrivning

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *Dokument identitet:* | **Insula - M100210** | | *Skapat:* | **2024-11-04** | |
| *Dokument typ:* | **Inspection checklist 6 month** |  | |  |

# Customer information

  
  
Abbott Rapid Diagnostics AS  
Kjelsåsveien 161  
0884 Oslo  
Norway

# Station 101 – Lid and PSD subassy

Infeed of Lid – (with AFAG Product Feeder)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of Infeed Function.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice |
| OK | *Inspection for wear on Grip Fingers.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 102

Presence Check of Lid

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of function for the Sensors.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 103

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | N/A | - |

# Station 104

Infeed of PSD (with AFAG Product Feeder)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of Infeed Function.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice |
| OK | *Inspection for wear on grip Fingers.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 105

Presence and Flow Check of PSD

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of function for the Sensors.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice |
| OK | *Inspection for wear on Pushers.* | Without notice (Visual checked) |
| OK | *Inspection for wear on Nozzles.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 106

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | N/A | - |

# Station 107

Infeed of Filter (with AFAG Product Feeder)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of Infeed Function.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice |
| OK | *Inspection of Servos.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 108

Filter Assembly Check

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of function for the Contact Sensor.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| Note | *Inspections of dampers on Cylinders.* | Damper 108B02a is worne |
| OK | *Inspection for wear on Contact Sensor.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 109

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 110

Outfeed of Subassembly

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Movement belongs to station 201.* | N/A |
|  |  |  |

# Station 111

Reject

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 112

Empty Nest Check

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 151

Index Table

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Visual inspection after wear on machine parts with product contact*. | Without notice (Visual checked) |
| OK | *Inspection of timing belt.* | Without notice |
| OK | *Inspection of station function.* | Without notice |
|  |  |  |

# 

# Station 201 – Printer

Infeed of Subassembly (with PP Unit)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of pick Function from stn110.* | Without notice |
| OK | *Inspection of pallet stop Function.* | Without notice (Visual checked) |
| OK | *Inspection of pallet fixation Function.* | Without notice (Visual checked) |
| OK | *Inspection of pallet QR reader Function.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Inspection for wear on Grip Fingers.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 202

Height Control

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| - | *No motion in station.* | N/A |
|  |  |  |

# Station 203

Plasma Treatment

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection function of Sensors.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
| - | *No manual motion (runs together with 251).* | N/A |
|  |  |  |

# Station 204

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 205

Printing

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of printing Functions.* | Without notice |
| OK | *Inspection function of Sensors.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice (Visual checked) |
| OK | *Inspection of station Function.* | Without notice |
| - | *No manual motion (runs together with 251).* | N/A |
|  |  |  |

# Station 206

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 207

Curing Station

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of curing Function.* | Without notice (Visual checked) |
| OK | *Inspection function of Sensor.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
| - | *No manual motion (runs together with 251).* | N/A |
|  |  |  |

# Station 208

Vision Check of Barcode

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of vision Funktion.* | Without notice |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Inspection of pallet QR reader Function.* | Without notice (Visual checked) |
| OK | *Inspection of station Function.* | Without notice |
| - | *No motion in station (trigged when pallet is passing by).* | N/A |
|  |  |  |

# Station 209

Outfeed and Reject (With PP Unit)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of pick Function.* | Without notice |
| OK | *Inspection of reject Function.* | Without notice (Visual checked) |
| OK | *Inspection of place Function to stn318.* | Without notice (Visual checked) |
| OK | *Inspection of pallet stop Function.* | Without notice (Visual checked) |
| OK | *Inspection of pallet fixation Function.* | Without notice (Visual checked) |
| OK | *Inspection of pallet QR reader Function.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Inspection for wear on Grip Fingers.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 210

Empty Pallet Check

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of function of Pallet Stop at buffer.* | Without notice (Visual checked) |
| OK | *Inspection of Buffer Sensor at queue stop.* | Without notice (Visual checked) |
| Note | *Inspection of Servos.* | Wrong tuned (with 1mm) working area from top to bottom. Needs to be adjusted. (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 251

Linear System

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of infeed Conveyor.* | Without notice (Visual checked) |
| OK | *Inspection of printer Conveyor.* | Without notice (Visual checked) |
| OK | *Inspection of outfeed Conveyor.* | Without notice (Visual checked) |
| OK | *Inspection of return Conveyor.* | Without notice (Visual checked) |
| OK | *Inspection for wear and leaking from pallets stops and fixation Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of gearbox for conveyors.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

Extra notes: The Customer is pleased with the type of the latest delivered

**printer** conveyor belts.

# Station 301 – Welding of Membrane Tube

Infeed Membrane Tube Flat (with AFAG Product Feeder)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of Infeed Function.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice |
| OK | *Inspection of Timing belt for grip fingers.* | Without notice (Visual checked) |
| OK | *Inspection of gripper Function for fingers* | Without notice |
| Note | *Inspection for wear on Grip Fingers.* | Sharp edges |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 302

Presence Check

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice |
|  |  |  |

# Station 303

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 304

Welding First Membrane

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| Note | *Inspection of ”Herrmann” welding function.* | The filters come off easily (my opinion). The  Abbott technician is informed. |
| Note | *Visual inspection after wear on machine parts with product contact*. | Much filter dust, needs to be cleaned. |
| OK | *Inspection for leaking from Cylinders.* | Without notice |
| OK | *Inspection for wear on Grip Fingers.* | Without notice |
| OK | *Inspection of Dispensing Unit.* | Without notice |
| OK | *Inspection of Guide unit.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of Clean air filter.* | Without notice |
| OK | *Inspection of I/O Nizer.* | Without notice |
| OK | *Inspection of sensor for filter membrane* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 305

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 306

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 307

Welding Second Membrane (The station is visually checked)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of ”Herrmann” welding function.* | Without notice |
| Note | *Visual inspection after wear on machine parts with product contact*. | Much filter dust, needs to be cleaned. |
| OK | *Inspection for leaking from Cylinders.* | Without notice |
| OK | *Inspection for wear on Grip Fingers.* | Without notice |
| OK | *Inspection of Dispensing Unit.* | Without notice |
| OK | *Inspection of Guide unit.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of Clean air filter.* | Without notice |
| OK | *Inspection of I/O Nizer.* | Without notice |
| OK | *Inspection of sensor for filter membrane* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 308

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 309

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 310

Welding Third Membrane (The station is visually checked)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of ”Herrmann” welding function.* | Without notice |
| Note | *Visual inspection after wear on machine parts with product contact*. | Much filter dust, needs to be cleaned. |
| OK | *Inspection for leaking from Cylinders.* | Without notice |
| OK | *Inspection for wear on Grip Fingers.* | Without notice |
| OK | *Inspection of Dispensing Unit.* | Without notice |
| OK | *Inspection of Guide unit.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of Clean air filter.* | Without notice |
| OK | *Inspection of I/O Nizer.* | Without notice |
| OK | *Inspection of sensor for filter membrane* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 311

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 312

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 313

Welding Fourth Membrane (The station is visually checked)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of ”Herrmann” welding function.* | Without notice |
| Note | *Visual inspection after wear on machine parts with product contact*. | Much filter dust, needs to be cleaned. |
| OK | *Inspection for leaking from Cylinders.* | Without notice |
| OK | *Inspection for wear on Grip Fingers.* | Without notice |
| OK | *Inspection of Dispensing Unit.* | Without notice |
| OK | *Inspection of Guide unit.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of Clean air filter.* | Without notice |
| OK | *Inspection of I/O Nizer.* | Without notice |
| OK | *Inspection of sensor for filter membrane* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 314

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 315

Vision Check of Membrane (The station is visually checked)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of vision Funktion.* | Without notice |
| OK | *Inspection of Servo.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 316

Membrane Tube Reposition

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice (Visual checked) |
| Note | *Inspection of Servos.* | Servo cable for movement 22 is worned, touch the linear unit. |
| OK | *Inspection for wear on Grip Fingers.* | Without notice (Visual checked) |
| Note | *Visual inspection of Cabling.* | Worn/ broken flex tube |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 317

Flow Check of Membrane

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection for wear on Rubber Plate.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 318

Infeed and Assembly of Lid Subassembly (with Linear Feeder from Linear System 2)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of Infeed Function.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Inspection for wear on Grip Fingers.* | Without notice (Visual checked) |
| Note | *Visual inspection of Cabling.* | Worn/ broken flex tube |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 319

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 320

Assembly Check

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of function for the Sensors.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 321

Outfeed of Lid Subassemblies (with Linear Feeder to Ring Dial 4)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of Infeed Function.* | Without notice (Visual checked) |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice (Without notice) |
| OK | *Inspection of Servos.* | Without notice (Without notice) |
| OK | *Inspection for wear on Grip Fingers.* | Without notice (Without notice) |
| Note | *Visual inspection of Cabling.* | Worn/ broken flex tube |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 322

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 323

Reject

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Inspection for wear on Grip Fingers.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 324

Empty Nest Check

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 351

Index Table

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of feeding for Index Table.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of Timing Belt.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 401 – Filling and Welding of multiwell and final assembly

Infeed of Multiwell (with AFAG Product Feeder)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| Note | *Inspection of Infeed Function of Multiwell from station 431.* | Wear on one side of conveyor belt |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Inspection for wear on Grip Fingers.* | Without notice |
| Note | *Visual inspection of Cabling.* | Damaged robot flex-tubes |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 402

Presence and Snapper Check

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| Note | *Inspection of dampers on Cylinders*. | Wear on movement 01 |
| OK | *Inspection of runner block & ball rail.* | Without notice |
| OK | *Inspection for wear on Compression Spring.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 403

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 404

Filling of Multiwell and IPC

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for wear dispenser pump.* | Without notice (Visual checked) |
| OK | *Inspection of Servos + Timing belt* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 405

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 406

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 407

Ultrasonic Filling Level Check Well 3

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| Note | *Inspection of dampers on Cylinders*. | Damper 407B01a is worn |
| OK | *Inspection of runner block & ball rail.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 408

Ultrasonic Filling Level Check Well 4

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice |
| OK | *Inspection of runner block & ball rail.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 409

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 410

Infeed Barrier Foil and Welding Nest pos. 1&3

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Inspection of Punch head & die.* | Without notice (Visual checked) |
| OK | *Inspection of guide bush.* | Without notice (Visual checked) |
| Note | *Inspection of welding head* | Wear on head |
| OK | *Inspection of Vacuum.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 411

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 412

Infeed Barrier Foil and Welding Nest pos. 2&4

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Inspection of Punch head & die.* | Without notice (Visual checked) |
| OK | *Inspection of guide bush.* | Without notice (Visual checked) |
| Note | *Inspection of welding head* | Wear on head |
| OK | *Inspection of Vacuum.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 413

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 414

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Visual inspection after wear on Station parts.* | Without notice |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

Vision Check of Foil

# Station 415

Infeed of Insert (with AFAG Product Feeder)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| Note | *Inspection of dampers on Cylinders*. | Damper 415B02b is worn |
| OK | *Inspection for wear on Grip Fingers.* | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| Note | *Visual inspection of Cabling.* | Damaged fixation for Robot flex-tube |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 416

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 417

Final Assembly of Insert

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for wear on Compression Spring.* | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 418

Position check Insert

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice (Visual checked) |
| OK | *Inspection of runner block & ball rail.* | Without notice |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 419

Infeed of Lid Subassemblies (With PP Unit)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice |
| OK | *Visual inspection after wear on machine parts with Product Contact*. | Without notice |
| Note | *Inspection for leaking from Cylinders.* | Movement 10 is leaking |
| OK | *Inspection of dampers on Cylinders*. | Without notice |
| OK | *Inspection of runner block & ball rail.* | Without notice |
| Note | *Inspection of Servos.* | Much dust on piston for linear number 22 |
| Note | *Visual inspection of Cabling.* | Damaged Robot flex-tubes |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 420

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 421

Check of snapper positions

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 422

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 423

Final Assembly Check

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Inspection of Servos + Timing belt* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 424

Reject

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection for wear on Grip Fingers.* | Without notice (Visual checked) |
| OK | *Inspection of Servos + Timing belt* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 425

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 426

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 427

Outfeed of Approved Products – (With PP Unit)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of sensor Funktion.* | Without notice (Visual checked) |
| OK | *Inspection for leaking from Cylinders.* | Without notice (Visual checked) |
| OK | *Inspection of dampers on Cylinders*. | Without notice |
| OK | *Inspection of Servos + Timing belt* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice |
| OK | *Inspection of grippers* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 428

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 429

Empty Nest Check

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of mandrel.* | Without notice (Visual checked) |
| OK | *Inspection of Servos.* | Without notice (Visual checked) |
| OK | *Visual inspection of Cabling.* | Without notice (Visual checked) |
| OK | *Inspection of station Function.* | Without notice (Visual checked) |
|  |  |  |

# Station 430

Free

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| N/A | N/A | - |

# Station 431

Try Handling Unit (with Infeed of Multiwell) (The station is visually checked)

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of belt on Infeed conveyer 1.2.3* | Without notice |
| OK | *Inspection of belt on outfeed conveyer 1.2.3* | Without notice |
| OK | *Inspection of light curtain and cabling.* | Without notice |
| OK | *Inspection of sensor Function on forklift at unload position.* | Without notice |
| OK | *Inspection for leaking from Cylinders on forklift at unload position.* | Without notice |
| OK | *Inspection of Servos on forklift at unload position.* | Without notice |
| OK | *Visual inspection of Cabling on forklift at unload position.* | Without notice |
| OK | *Inspection of sensor Function on forklift at empty position.* | Without notice |
| OK | *Inspection for leaking from Cylinders on forklift at empty position.* | Without notice |
| OK | *Inspection of Servos on forklift at empty position.* | Without notice |
| OK | *Visual inspection of Cabling on forklift at unload position.* | Without notice |
| OK | *Inspection of sensor function on tray holder* | Without notice |
| OK | *Inspection of servos on tray holder.* | Without notice |
| OK | *Visual inspection of cabling on tray holder.* | Without notice |
| OK | *Inspection of sensor function on PPU.* | Without notice |
| OK | *Inspection for leaking from cylinders on PPU.* | Without notice |
| OK | *Inspection of Servos on PPU.* | Without notice |
| OK | *Inspection for wear on grip fingers.* | Without notice |
| OK | *Inspection of belt on Infeed of wells.* | Without notice |
| OK | *Inspection of sensor arrangement checking free passage.* | Without notice |
| OK | *Inspection of station Function.* | Without notice |
|  |  |  |

# Station 451

Index Table

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of feeding for index table.* | Without notice |
| OK | *Visual inspection after wear on machine parts with product contact*. | Without notice (Visual checked) |
| OK | *Visual inspection of cabling.* | Without notice |
| OK | *Inspection of timing belt.* | Without notice |
| OK | *Inspection of station function.* | Without notice |
|  |  |  |

# Other – All Over and Safety

|  |  |  |
| --- | --- | --- |
| **Results** | **Description** | **Comment** |
| OK | *Inspection of regulator for main air/ low air pressure (x,x/x,x).* | Cell 100+200 6,0/2,0  Cell 300 6,2/1,8  Cell 400 7,0/2,1 |
| OK | *Inspection of safety switches and the entire protection.* | OK |
| Note | *Inspection of robot flex hoses and moving air hoses for wear and leaking.* | Inspection/ station |
| OK | *Inspection of air preparation, filters, etc.* | Without notice |
| OK | *Note operating time and number of indexing.* | 100= 26662621  200= 26578350  300= 1615669  400= 12108135 |
| Note | *Inspection of emergency stop.* | Not able when it´s ongoing work in the line. |
| OK | *Inspection of products infeed and functions.* | Without notice |
| OK | *Test drive 1 hour after inspection.* | Without notice |
| OK | *Note machine speed (running time 15/min).* | OEE over 80% |

# Date & Signature

|  |  |
| --- | --- |
| **Date (YYYY-MM-DD)** | **Signature (Name)** |
| 2025-05-23 | Magnus Ekelöf |
|  |  |