

#### **PSG Department**

#### SOP

**Standard Operating Procedure** 

## UVA & MULTILANE START-UP & SHUT-DOWN Issuance Date: As at Last Signature

SOP #:
UCL/IBDPSG/CD/Q/06.0

Revision Date: Maximum 2 years from effective date

Effective Date: 20 Days from the Issuance Day

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#### **PURPOSE**

- To define a standard procedure for shutting down the machine and starting up after days off and holidays.

#### SCOPE

- This SOP is to be adhered to whenever it is required to shut-down for more than 24 hours. For periods less than 24 hours, machine should be left on and all "if down do" activities executed. The Line/Department Manager's verbal alignment must be sought for any deviation from the above.

#### RESPONSIBILITY

- Shift/Line Operator: Responsible for carrying out the steps outlined in this procedure except power panel start-up and shut down.
- Shift E&I: Responsible for starting up and shutting down all power panels.
- **Team Leader:** Responsible for overall supervision of the procedure of the Startup and shutdown checklist (an addendum of the SOP) and filling of the checklist.

#### **POTENTIAL RISKS**

- Eye contact with powder
- Inhalation of powder dust
- Hand injury (cuts/burns)

#### **PPE REQUIRED**

- 3M Nose Mask.
- Polyester hand glove / Cotton gloves
- Safety Glasses
- Safety Shoes
- Voltage rated glove
- Untreated cotton shirt

#### **PROCEDURE**

#### **POWER PANEL START-UP**

1. Switch on the fused isolators of packing panels 1, 2 and 3 on the PC panel in the MSG control room and packing panel 4 on the PC panel in the new control room.

SOPOWNER	QA APPROVAL	HS&E APPROVAL	AUTHORISATION
Awodoye Omobolarin	Alawode Olujide	Adebiyi Adedoyin	Ogunrinde Adebayo
Date: Worlzor	Date: (1-07-202	Date: 1 ( 16 Feb) 202	Date: 15th Feb., 2022

- 2. Switch on the main breakers of packing panels 1, 2, 3 & 4 on the packing floor.
- 3. Confirm that the voltage indicator (R, S, and T) lamps on packing panels 1, 2, 3 and 4 are on.
- 4. Confirm that the power-meter on packing panel 3 & 4 display voltage or current readings for example, 230volts (±5%) for each phase.
- 5. Only qualified personnel should perform steps 1 4 above. The shift electrician must wear untreated cotton shirt and 1000 voltage rated gloves for these steps

#### **UVA START-UP**

- 1. Power on the UVA machine from the main packing electrical panel. Power on the UPS for each line. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment.
- 2. Confirm that CVC is powered up and working
- 3. Switch on the electrical, heat-seal and pneumatic disconnects.
- 4. Load and Web the film on the machine.
- 5. Inspect the main hopper, auger screw and funnel, Clean if powder build up is observed using PVC, IVAC or CVC, Nose mask, cotton gloves and cotton towel. Switch off and lock out electrical disconnect when carrying out the inspection. Use a multi-lock if more than 1 person would be working on the equipment at a time. All individuals must apply his personal lock. Press F1 on the machine HMI to be sure it's fully de-energized. Wear 3M Nose mask, cotton gloves and safety glasses. Clean the forming set and pulling belts using the forming set brush and a cotton rag respectively. Wear the 3M Nose mask, safety glasses and cotton gloves
- 6. Clean the knife, cross-seal and long-seal jaws using a wire brush. Wear polyester hand glove. Clean up powder spillages using PVC or CVC. Wear the 3M Nose mask, polyester gloves and safety glasses.
- 7. Up-date/ check the code on the MARKEM S18i printer. Wear cotton gloves.
- 8. Use the process audit sheet and the Julian date sheet to verify that all process settings and production codes are correct and that start-up procedures are executed.
- 9. Remove all locks and test machines then start production. Utter a warning "hand-off" shout before starting the machine.
- 10. Confirm all auto detection system is working. Perform 2D no read and 2D no match test following 2D camera SOP.
- 11. Confirm End of line contractors are available and ready to pack before producing.

#### **UVA SHUT-DOWN**

- 1. Close the buggy on the buggy dump station and cover the dump spots.
- 2. Continue production until powder runs out from buggy hoppers and the machine hopper.
- Segregate all product produce during runout (when tapping the hopper) and perform 100% sorting before packing into polywooven.
- 4. Stop production by pressing the "F1" button on the HMI.
- 5. Suckout powder from the buggy hoppers and machine hoppers for process failure and breakdown on machines that have not been resolved after 24hrs and during shutdown.
- 6. Switch off the electrical, heat-seal and pneumatic disconnects. Lock and tag out machine. Use a multi-lock if more than 1 person would be working on the machine at a time. Each person must apply his safety locks. Press F1 on the machine HMI to be sure it's fully de-energized.
- 7. Close the sifter slide-gate.

- 8. Clean the sifter unit with PVC, IVAC or CVC. Switch off and lock out the electrical. Use a multi-lock if more than 1 person would be working on the machine at a time. Each person must apply his safety locks.
- 9. Clean the main hopper, auger screw and funnel using PVC, IVAC or CVC and cotton towel. The operator must wear the 3M nose mask, safety glasses and cotton gloves.
- 10. Clean the forming set and pulling belts using the forming set brush and a cotton rag respectively. Wear the 3M600 nose mask safety glasses and cotton gloves.
- 11. Clean the long-seal jaw, cross-seal jaws and knife using a wire brush. Wear polyester hand gloves
- 12. Clean the out-feed conveyor/slide gate of any powder using a cotton towel. Wear polyester hand gloves
- 13. Clean up powder spillages using the PVC or CVC. Wear the 3M6000 nose mask safety glasses and cotton gloves.
- 14. Power off the UVA from the main panel if shut down would exceed 24 hours. Also, power off the UPS for each line. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment.
- 15. Remove your safety lock.
- 16. Perform Long shut down on Image/Domino (secondary coding machine) when shutting down for more than 24 hours and close the gutter.

#### **MULTILANE START-UP**

- 1. Switch on the main electrical Packing Panels 3 & 4. Power on the UPS for each line. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment.
- Switch on the breakers to the conveyors, sifters, DCS, multilane electrical panels, extraction belts, scissors lift, scales, Imajes and stretch wrappers. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment.
- 3. Switch on disconnects to the sifters, conveyors, extraction belts, scissors lift, scales, Imajes, stretch wrappers and DCS. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment.
- 4. Power on the multi-lane electrical panel main breaker. Power on the UPS for each panel, only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment
- Switch on the main circuit breakers to each of the lane of the machine. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment.
- 6. Stop the machine by pressing the stop button, Lock out the machine. Make sure you use multi-lock if more than one person will work on the machine. Restart the machine to ensure it is fully de-energized.
- 7. Inspect main buggy hoppers, auger screws, sifters, triverters, extraction belts and clean if powder or build up is observed using PVC or CVC and cotton rag. Wear cotton gloves, safety glasses and 3M6000 nose mask.
- 8. Clean the forming sets and pulling belts using wet cotton rag.
- 9. Clean the vertical (long-seal) jaws, Horizontal (cross-seal) jaws and knives with wire brush. Wear polyester hand gloves
- 10. Remove lock out.
- 11. Switch on the electrical, heat-seal and pneumatic disconnects. Use dry hands when handling electrical equipment.
- 12. Load the new film and prepare the lanes for operation. Use film trolley to raise film to position. Film IPMS no. must be checked before loading the film (following SOP No. PSG 1014.2) if 2D camera is non-functional and deviation obtained from Quality Leader.

- 13. Close all doors and check that all emergency stop buttons are de-activated.
- 14. Enable systems on each lane of the machine by pressing the enable button that appears on the HMI.
- 15. Power on the Markem S18i printers for each lane and allow them to calibrate. Up-date/ check the code on the MARKEM S18i printer.
- 16. Activate the low-level sensors on the hoppers of each lane on the HMI.
- 17. Upload the process parameters that match the SKU to be run.
- 18. Confirm auto all detection system is working. Perform 2D no read and 2D no match test following 2D camera SOP.
- 19. Inspect scissors lift using the Scissors lift inspection checklist and confirm if SAFE or UNSAFE to use.
- 20. Test lanes to ensure bags meet all quality attributes and start production.
- 21. Start all conveyors by pressing the start buttons on the electrical packing panel 3. Select 'Auto mode' on Packing panel 4 HMI to synchronize all equipments on line 4. Warn the operator to keep safe distance.

#### **MULTILANE SHUT-DOWN**

- 1. Close the buggy on the buggy dump station and close the dump spots.
- 2. Run out powder from extraction belt, sifter, triverter and dosing hopper.
- 3. Manually de-activate the low-level sensors on the hoppers of each lane of the machine on the HMI.
- 4. Run out powder from the machine hoppers and from the surge bin on extraction belts for line 3 & 4 on production mode.
- 5. Segregate all product produce during runout (when tapping the hopper) and perform 100% sorting before packing into polywoven
- 6. Suckout powder from the buggy hoppers and machine hoppers for process failure and breakdown on machines that have not been resolved after 24hrs / during shutdown.
- 7. Stop the machine by pressing the stop button on each lane of the machine.
- 8. Switch off the electrical, heat-seal and pneumatic disconnects for all lanes of the machine. Lock out the machine. Make sure you use multi-lock if more than one person will work on the machine. Restart the machine to ensure it is fully de-energized.
- 9. Stop the main, inclined, S and packing conveyors by pressing the stop button on the HMI of the packing panels.
- 10. Stop all scrapping operation at the reject cabinet.
- 11. Clean the main hoppers, auger screws, sifters and extraction belts using the PVC or CVC and cotton cloth. Wear Enzyme gloves, safety glasses and 3M6000 nose mask.
- 12. Remove all packing material on the machine, stretch wrap and move them out of the line to the new staging area using packing material trolley and store with the right material tag. Cutoff pre-coded part rolls of films from the real. Move packing trolley by pushing with one person each at both ends of the trolley.
- 13. Clean the forming sets, and pulling belts using wet cotton rag. Wear cotton gloves, and safety glasses.
- 14. Clean the long-seal jaws, cross-seal jaws and knives with wire brush. Wear cotton gloves.
- 15. Clean the out-feed conveyors of powder using PVC or CVC. Wear cotton gloves, safety glasses and 3M6000 nose mask.
- 16. Switch off main electrical circuit breakers to each lane of the machine. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment.

- 17. Power off the multi-lane electrical panel main breaker. Power off the UPS for each panel. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment.
- 18. Switch on the DCS, rotary airlock and pulse unit. Ensure the system runs for at least 15mins after the last scrapping the last bag at the reject cabinet. Warn the operators to keep off the moving part.
- 19. Switch off disconnects to the sifters, conveyors, extraction belts, scissors lift and DCS. Lock out the machine. Make sure you use multi-lock if more than one person will work on the machine.
- 20. Switch off the breakers to the conveyors, sifters, DCS, extraction belts, scissors lift, scales, Imajes and stretch wrappers. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment.
- 21. Switch off the Packing Panel 3 & 4 breakers. Lock out the machine. Make sure you use multi-lock if more than one person will work on the machine. Power off the UPS for each packing line. Only qualified personnel should operate the electrical panel. Use dry hands when handling electrical equipment
- 22. Remove safety lock.
- 23. Perform Long shut down on Image/Domino when shutting down for more than 24 hours and close the gutter.

#### **POWER PANEL SHUT-DOWN**

- 1. Switch off the main breaker of packing panels 1, 2, 3 & 4 on the packing floor.
- 2. Confirm that the voltage indicators on the packing panels 1 and 2 are off.
- 3. Confirm that the packing panels 3 & 4 power-meters are off.
- 4. Switch off the fused isolator of packing panels 1, 2 & 3 on the PC panel in the MSG control room and the main breaker of the packing panel 4 on the PC panel in the new HHC Control room.
- 5. Only qualified personnel should perform steps 1 4 above. The shift electrician must wear untreated cotton shirt and 1000 voltage rated gloves for these steps

#### POWER CHANGE-OVER FROM GENERATOR TO PHON OR VICE VERSA.

- 1. Stop production by pressing 'F1' on UVA HMI and 'stop button' on ML HMIs.
- 2. Switch off the Main disconnect and heat-seal disconnects.
- 3. Switch off the F10 breakers in the UVA electrical panels and main breakers in the ML electrical panels.
- Stop conveyors by pressing the stop buttons and switch off all disconnect to each conveyor on both UVA and Multilane lines.
- 5. Switch off disconnects to all extraction belt on Multilane line.
- 6. Stop the DCS for each line by pressing the stop button from the packing panels.
- 7. Switch the main breaker of packing panels 1, 2, 3 & 4 on the packing floor.
- 8. Confirm the UPS is on and working.
- 9. Switch off the UPS for each line (when switching to Generator)
- 10. Change power source from generator to PHCN or vice versa.
- 11. Start up the line following the start-up procedure for each line.
- 12. Only qualified personnel should perform steps 2 6 above. The shift electrician must wear untreated cotton shirt and 1000 voltage rated gloves for these steps

#### **GENERATOR SHUT-DOWN**

- 1. Shut down the generator at MCC room by cool down stop
- 2. After the generator have shut down on cool down stop (180secs)
- 3. Move down to generator area to switch off the battery key on Gen 6 and Gen 12

4. Remove one of the battery cables that connect to generator on the gen 12 (Yellow Gen.)

#### **REASON FOR UPDATE: New SOP**

#### **END OF PROCEDURE**

#### **SOP RELATED ATTACHMENTS**

ATTACHMENT 1 - SOP Qualification

ATTACHMENT 2- Model Answers

ATTACHMENT 3 - Startup checklist and Shutdown Checklist

ATTACHMENT 4- 2D Camera Functionality Sheet

#### **ATTACHMENT 1**



UGEE CHEMICALS

### UVA & MULTILANE START-UP & SHUT-DOWN Training & Qualification Sheet

Trainee Name:	A.M. 1018	Trainer Name:	li li
= 72 '	,	Qualifier Name:	
Training Date:		Qualifier Name:	
Question # 1: During Pow		quired to switch off bon machine?	th main & heating disconnects
Answer # 1: [True] or [Fals	<b>e</b> ]		4
Action At the	1. M/h. : - 14	the start of	Malayum abaalali-40
Question # 2	: Why is it necessary to	use the startup & shi	ITOOWN CHECKIIST?
Answer # 2:	, n		
Ougstion # 0: Nett. 1 11	omitted to also at 1 2 11	do note before he	ng the hanner franci o
wuestion #3: Why is it i		de gate before removi leaning?	ng the hopper funnel & screw
		<u> </u>	
Answer # 3:			
			- V
Question # 4:	Why is it required to att	empt to restart equipn	nent after lock out?
Answer # 4:	W		<u> </u>
, wildwor in T.			
0	stion # 5: What sustam	is used to track all fail	lures during operation?
×	odon # o. What system		and during operation:
Answer # 5:			
Question	# 6: Who is responsible	for powering up the P	ower panels?
Answer # 6:			N N
Ougstion # 7, 14/1-	should soloners life in	naction had an adver-	na etartura ar abut dama?
Question # /: When	siloula scissors IIπ ins	pecuon de done, durii	ng start-up or shut down?
Answer # 7:	А		
	0. ML-4 DDF1	lund when a second	Davier renela?
Question #	8: What PPE's is requ	ireu wiien powering uj	o rower panels?
Answer # 8:		P.	
SOP OWNER	QA APPROVAL	HS&E,APPROVAL	AUTHORISATION
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Date: 11/02/2022	Date: 11-02-2022	Date 1 14 FES, 2022	Date: 15th Fes, 2022

Question # 10: Perform long shutdown on imaje/domino coding for shutdown greater than 24hrs? Answer # 10: [Yes] or [No]  Answer # 10:  The person is considered passed if he scores 100 % in the above test.  Training Results: (tick as appropriate) Succeeded:  Qualifier is Sign/Date:  Date of re-qualification is needed:  Date of re-qualification:	Answer # 9: [Yes] or [No]		3.	
The person is considered passed if he scores 100 % in the above test.  Training Results: (tick as appropriate) Succeeded:  Qualifier 's Sign/Date:  Pill if re-qualification is needed:  Date of re-qualification :	Question # 10: Perform Ion	g shutdown on imaje/d	omino coding for sh	utdown greater than 24hrs ?
The person is considered passed if he scores 100 % in the above test.  Training Results: (tick as appropriate) Succeeded:  Dualifier 's Sign/Date:  Till if re-qualification is needed:  Date of re-qualification :  SOPOWNER QA APPROVAL HS&E APPROVAL AUTHORISATION			- "	
raining Results: (tick as appropriate) Succeeded: rualifier 's Sign/Date:  Ill if re-qualification is needed:  Date of re-qualification :  SOP OWNER QA APPROVAL HS&E APPROVAL AUTHORISATION	Answer # 10.			
ualifier 's Sign/Date:  Date of re-qualification :  SOP OWNER QA APPROVAL HS&E APPROVAL AUTHORISATION	he person is considered pa	assed if he scores 100 °	% in the above test.	
Date of re-qualification :	raining Results:	(tick as appropriate)	Succeeded:	
Date of re-qualification :	ualifier 's Sign/Date:			
SOP OWNER QA APPROVAL HS&E APPROVAL AUTHORISATION	Il if re-qualification is need	led:		A - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1994 - 1
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#### ATTACHMENT 2



UGEE CHEMICALS

OVAQ	MODEL ANSWERS	
Trainee Name:	Trainer Name:	
Training Date:	Qualifier Name:	
	ge over, it is required to switch off both main & heating disco for each machine?	nnects
Answer # 1: [True]		
Question # 2: Why is	it necessary to use the startup & shutdown checklist?	
Answer # 2: To make certain that a check list	all critical processes have been put in place as captured in the	В
Question # 3: Why is it required	to close the slide gate before removing the hopper funnel & s for cleaning?	screw
Answer # 3: To prevent accidental	powder spillage	
Question # 4: Why is it	required to attempt to restart equipment after lock out?	
Answer # 4: To ensure that the equ	uipment is completely de-energized/ isolated	
Question # 5	: What system is used to track all failures during operation?	-20800
Answer # 5: <b>Proficy</b>		
Question # 6: Who	is responsible for powering up the Power panels?	
Answer # 6: Shift E & I		
Question #7: When should	scissors lift inspection be done, during start-up or shut down	?
Answer # 7: During Start-up		
Question # 8: What	t PPE's is required when powering up Power panels?	
Answer # 8: Untreated cotton shirt	& Voltage rated gloves	

Date: 11/02

Alawode Olujide Adebiyi Adedoyin

222 Date: 11-02-8022 Date: (14 Feb, 2022

Ogunrinde Adebayo

Date: 15th feb, 2022

Answer # 9: [Yes]			33.000		
luestion # 10: Perform long shutdown on i	maje / Domin	o coding f	or shutdown	greater than	24?
Answer # 10: <b>Yes</b>		lBs-		in the second se	
				100 - 100	

Awodoye Omobolarin

Alawode Olujide

Adebiyi Adedoyin

Date: 4/52/202 Date: 11-02-2022 Date: 16 769, 2022

Ogunrinde Adebayo

Date: 15th feb, non

**UVA & ML Shut-down Checklist** 

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OGEE CHEMICALD							
S/N	Steps	Timing	Yes	o N	Responsibility	Name	Comments
			SHUT-	SHUT-DOWN			
All Buggies have be	All Buggies have been closed and moved to buggy storage with the proper label on it	6		_	Equipment /Line owners		
Clean out powder fr	Clean out powder from surge bin of extraction belts on Multilane machines. The powder is emptied into the blue bag.	15		_	Equipment /Line owners		
All machine Buggy	All machine Buggy dump spots have been emptied and covered with their lids	On .			Equipment /Line owners	12	
Powder to be recycle remeit / reblend spor	Powder to be recycled has been put into bags, labeled, sealed and moved to remelt / reblend spot	υ		7	Team leader		
Housekeeping has I	Housekeeping has been done according to 5S standard	10		-	Shift QA Leader		
All product produce seggregated and 10 have either been pu	All product produce during hopper tapping ( Powder runout )had been seggregated and 100% sorted before packing into polywooven.Bagged products have either been put in polywoven or scraped as applicable	10			Equipment /Line owners		
, All packing material up, mis pack and re	All packing materials have been stretch wrapped, 4 eye-check done to aviod mix up, mis pack and returned to the end of line.	10			Shift QA Leader		
All powder in matee	All powder in mateer head has been emptied/used up	10			Equipment /Line owners		
• Reject Cabinet is cl	Reject Cabinet is clean (completely empty of dust/ accumulated powder)	υı			Equipment /Line owners		
Sifter unit is clean (o	Sifter unit is clean (completely empty of dust/powder)	10			Equipment /Line owners		
" Fischbein machines	Fischbein machines has been powered off	51			Shift E&I		
All scrap bins have been emptied	been emptied	10			Equipment /Line owners		
13 All UPS & Imaje Co	All UPS & Imaje Coder has been Properly Shut-down for long time option.	10			Equipment /Line owners		
The funnel screw ar standard	The funnel screw and conveyor belts have been cleaned according to the CIL standard	10		- m	Equipment /Line owners		
<sup>15</sup> All conveyors have	All conveyors have been powered off from the main breaker	IJ			Shift E&I		
* All machines (UVA	All machines (UVA & ML) have been powered off from the main breaker	2	2		Shift E&I		
17 The main control ce	The main control centre panel has been turned off	2	- 61		Shift E&I		
The washroom is cl	The washroom is clean and all air and water have been turned off	20		4.	Team leader	-	
Proficy had been co	Proficy had been completely updated and all watch out area captured in the log Book	თ			Equipment /Line owners		
All po has been closed on Q proficy ~	sed on Q proficy ~	υ	_		Shift QA leader		
All cases have been st to the FP storage area	All cases have been stacked, counted, written on the stacker report and moved to the FP storage area	10			Shift QA Leader		
Shutdown generator	Shutdown generator and transformer according to shutdown procedure	თ	1	ie .	Shift E&I		
	*The team leader delegates the responsibilities of the tasks to the individuals for easy accountability	sponsibilit	ies of the	tasks to	the individuals for e	asy accountability.	
	S	Shift Leader:					

Date: Way 200

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Alaweds Olujide

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Date:

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# UVA & ML Start-up Checklist

UGEE CHEMICALS						
S/N	Steps	Timing	Yes No	Responsibility	Name	
			START-UP	UP		
1 Uti	Utilities are switched on (Generator, compressor, air fans, CVC)	თ		Team leader	0	
2 DC	DCS fan is switch on from the electrical panel	On		Line Owners		
3 All	All UPS & Imaje / Domino Coder has been Started-up and confirmed for no jet Error. The Imaje gutter is cleaned up and code print is tested with polywoven sample.	20		Shift E&I		
4 Cle	Clean out DCS powder from machine hoppers and the surge bin (Applicable - for shut down greater than 6 hours on ML machines)	5		Equipment /Line owners		
5 CH	Check the triverter pneumatic disconnect for ON position.	N		ML Equipment/Line		
6 Re	Removal of all Film of the previous SKU from the lane	10		Equipment /Line		
7 00	Confirm production on SAP and review of incoming packing materials according to PDR checklist	10		Shift QA Leader		
os Dag	Packing material is loaded on the machines, tested with the right code on the pack material.	10		Equipment /Line owners		
9 Po	Powder and buggy status is confirmed. Buggy is placed on dumping station	2		Team leader		
10 Bu	Buggy card is present on the buggy and matches the SKU to be run	2		Team leader		
11 Fis	Fischbein machines has been powered on and RLS executed to standard.	OI		Shift QA Leader		
12 Re	Removal of all finished product of the previous SKU from the lane	თ		Shift QA Leader		
13 All	All powder and packing material bins have been emptied	თ		Shift QA Leader		
14 Re	Reject Cabinet is clean (completely empty of dust/powder)	5		Shift QA Leader		
15 Ve	Verification of code structure on the machine and imaje coder for correctness.	10		Shift QA Leader		
16 Th	The machines have been adjusted to the centerline and correct size and speed has been selected	51		Equipment /Line owners		
17 Th	The packing floor has been cleaned and according to 5S standard	10		Team Leader		
18 Do	Dosing unit inspects for cake powder in the dosng hopper, on auger screw,funnel and Spinner plate	10		Equipment /Line owners		
19 Sc	Scissors lift Inspection has been done before the commencement of production	თ		Team Leader		
20 Pe out	Perform 2D No match functionality test following 2D camera SOP and record the outcome of test on the 2D camera functionality sheet	თ		Equipment /Line owners		
21 Co	Confirm All Auto detection system are working ( 2D camera, photocell sensor,powder level sensor, manufacturer splice sensor, RFID sensor and buggy (ag reader)	10		Equipment /Line owners		
22 Lin	Line clearance and startup is completed and signed off by team	თ		Equipment /Line owners		
3	Line clearance and startup is completed and signed off by team leader	υı		Teamleader		70

e team leader delegates the responsibilities of the tasks to the individuals for easy accountabili-

Awodoye dmobolarin Shift Leader: .... Dato: (Not -) -2-21 Date:

Ogunina Adebayo

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Awodoye Omobolarin Date: 11 (52 (757)							· **							11		MACHINE	Name:	UGEE CHEMICALS
Ala Ala				25						€	1					NO READ STATU	Date:	2D NO RE/
Alawoo Olujida		3														NO READ STATUS NO MATCH STATUS		AD AND MATC
Adebiyi Adedoyin Og		32														ATUS	Shift:	2D NO READ AND MATCH FUNCTIONALITY SHEET
The Contraction of the Contracti								- - -	-							COMMENT	Team:	TY SHEET
debayo																		