RISK ASSESSMENT

Signature SHEQ Advisor: Signature Manager: Signature SHE Representative:

Agrimark Grain Klipheuwel Signature Manage 08-Jun-21 Signature SHE Re Representative)

BRANCH:
DATE:
COMPILED BY:

	1. 11 ≫ 260	Working in kitchen			, .		Operating equipment in Office/kitchen	2 - 8		ACTIVITY		Vehicle drive to weighbridge			7	Taking sample				venicle enters premises		ACTIVITY	
Boiling water from kettle	ra R	Damage / faulty Electrical Equipment			Boiling water in kettle		Damage / faulty Electrical Equipment	17	=	HAZARD		Movement of people and other vehicles		Foreign objects in grain	IMAMI	Vehicle moves while samples are being	Working at heights		Speeding and reckless driving		Movement of people and other vehicles	HAZARD	
Burn caused by boiling water in kettle	Injury due to tripping	Injury / asset damage due to fire		Injury due to electrocution	Burn caused by boiling water in kettle	Injury due to tripping	Asset damage due to fire	Injury due to fire	Injury due to electrocution	RISK		infastructure	Collision-people vahicles obsess	Damage to the spiral probe	Damage of probe being caught by vehicle	Injury/fatality due to falling from height	Injury/fatality due to falling from height	miastructure	Collision-people, vehicles, objects,		Collision-people, vehicles, objects, infrastructure	RISK	
S	s	>	S	S	S	s	Þ	s	s	S/H/E/A		Α	S	×	>	s	s	A	s	Α	S	S/H/E/A	
3 - Moderate	4 - Major	3 - Moderate	+ - Major	4 - Major	3 - Moderate	4 - Major	3 - Moderate	4 - Major	4 - Major	SEVERITY	AREA	3 - Moderate	5 - Catastrophic	2 - Minor	2 - Minor	4 - Major	+ - Major	3 - Moderate	5 - Catastrophic	3 - Moderate	5 - Catastrophic	SEVERITY	ANEA
A- Rarc	C- Occasional	A-Rarc	A- Rarc	A- Rare	A- Rare	B - Unlikely	A- Rare	A- Rare	A- Rare	LIKELIHOOD	AREA: OFFICE	C-Occasional	A- Rare	D - Regular	D - Regular	B - Unlikely	C- Occasional	C-Occasional	A- Rare	C-Occasional	A- Rare	LIKELIHOOD	ANEX ENINANCE
10-Lav	ф. — Н.	/3 - Lun	A4-Tow	A4 - Lov	A3 - Law	B4 - Medium	A3 - Long	A4+Las	A4+Low	RAW RISK RATING		C3 - Medium	A5 - Medium	D2 - Medium	D2 - Medium	B4 - Medium	C4 - High	C3 - Medium	A5 - Medium	C3 - Medium	A5 - Medium	RAW RISK RATING	
*Instruction for use of kettle	*SHE representative inspection register	Agreement of electrical equipment, equipment, whatchine inspection register Maintenance Procedure			*Instruction poster for use of kettle	*SHE representative inspection register	*Machine inspection register * Maintenance Procedure	equipment	* Inspection of electrical	MEASURE/S		of the road entrance and exits is location	*clearly indicate which side	* Engineering Control (Create sieve for spiral probe)	*Sampling procedure	* Working at Height procedure	*Wearing of safety harness *Sampling procedure	Signature Signage	*Speed limit signage	extra ta topation	*Demarcated walkways *elearly indicate which side of the road entrance and	CONTROL MEASURE/S	
3 - Moderate	4 - Major	3 - Moderate	4 - Major	4 - Major	3 - Moderate	4 - Major	3 - Moderate	4 - Major	4 - Major	SEVERITY		3 - Modernie	5 - Catastrophic	2 - Minor	2 - Minor	4 - Major	+- Major	3 - Moderate	5 - Catastrophic	3 - Moderate	5 - Catastrophic	SEVERITY	
A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	LIKELIHOOD		A- Rare	A- Rare	B - Unlikely	B - Unlikely	A- Rare	A- Rarc	A- Rare	A- Rarc	A- Rare	A- Rare	LIKELIHOOD	
19-1aw	At-Low	X-10a	A4 - Low	A4+Law	AG-Low	Ad - Law	Z: Lon	A4-Low	Al-Low	RESIDUAL RISK RATING		Ni - Low	A5 - Medium	82 - Low	B2 - Low	A4-Low	A4-Low	43-Lose	A5 - Medium	A3 -Low	A5 - Medium	RESIDUAL RISK RATING	

	Manual offloading									Lipping the load	1						Driving to off-loading area		ACTIVITY			Vehicle stop on weighbridge		ACTIVITY			Operating Grading Equipment
Climbing on top of the wagon	Constant moving vehicle while offloading Injury to people at the offloading zone	Pressure on the sluice gate		Dust, grain particles and other objects		Dust from grain	Constant moving vehicle while offloading		Noise above the exposure limit	The lifting of the tipper trailer		Dust, grain particles and other objects	Q	Diet from aroin		Speeding and reckless driving	Movement of people and other vehicles		HAZARD		Speeding onto or off weighbridge	parking brakes fail	Vehicle unattended while ignition is on/	HAZARD		Moving equipment (Shaker)	Boiling water (FN)
Injury due to slipping and falling from wagon	Injury to people at the offloading zone	Injury caused by sluice gate	Allergies due to dust/product	Injury to eyes due to dust and foreign objects	Lung disease due to inhalation of dust	Suffocation from inhaling the dust	Damage to property	Injury to people at the offloading zone	Hearing loss due to noise above exposure limit	Damage to property	Allergies due to dust/product	Injury to eyes due to dust and foreign objects	Lung disease due to inhalation of dust	Suffocation from inhaling the dust	and acting c	Collision-people, vehicles, objects,	Collision-people, vehicles, objects, infrastructure		RISK		Damage to load-cell		Run away vehicle causing collision - people	RISK		Injury caused by loose equipment	Burn caused by boiling water and hot equipment
S	s	s	II	s	я	s	>	s	н	Α	E	s	н	s	A	S	>	S	S/H/E/A		A	A	s	S/H/E/A		88	۵
4 - Major	↓ - Major	4 - Major	3 - Moderate	3 - Moderate	3 - Moderate	+- Major	4 - Major	4 - Major	3 - Moderate	+- Major	3 - Moderate	3 - Moderate	3 - Moderate	4 - Major	3 - Moderate	5 - Catastrophic	3 - Moderate	5 - Catastrophic	SEVERITY	AREA: O	3 - Moderate	3 - Moderate	4 - Major	SEVERITY	AREA: W	+- Major	3 - Moderate
B - Unlikely	B - Unlikely	D - Regular	C- Occasional	B - Unlikely	B - Unlikely	B - Unlikely	D - Regular	B - Unlikely	C- Occasional	D - Regular	C- Occasional	B - Unlikely	B - Unlikely	B - Unlikely	C- Occasional	A- Rare	C-Occasional	A- Rare	LIKELIHOOD	AREA: OFF LOADING	C - Occasionally	A- Rare	A- Rare	LIKELIHOOD	AREA: WEIGHBRIDGE	A- Rare	A- Rare
B4 - Medium	B4 - Medium	D4 - High	C3 - Medium	F0-10w	E3 - Lon	B4 - Medium	D4 - High	B4 - Medium	C3 - Medium	D4 - High	C3 - Medium	B3 - Love	B3+Low	B4 - Medium	C3 - Medium	A5 - Medium	C3 - Medium	A5 - Medium	RAW RISK RATING		C3 - Medium	23-124	A4-Lw	RAW RISK RATING		A4-Low	A3 - Low
*Offloading Procedure and Working at heights Procedure *Training for working at heights	*Offloading Procedure *Wearing correct PPE	*Offloading Procedure	* Fitness to Work Procedure	* Wearing correct PPE	Procedure	* Wearing correct PPE * Fitness to Work	* Height restriction board to be installed * Offloading Procedure	*Wearing correct PPE	* Wearing correct PPE * Fitness to Work Procedure	* Height restriction board *Offloading Procedure	* Fitness to Work Procedure	* Wearing correct PPE	* Wearing correct PPE * Fitness to Work Procedure	* Fitness to Work Procedure	"Site rules signage	*Speed limit signage	*clearly indicate which side of the road entrance and exits is location	*Domarcated walkwave	CONTROL MEASURE/S		* Speed limit sign * Notice sign	*Weighbridge Operation Procedure	*Weighbridge Operation Procedure	CONTROL MEASURE/S			*Wearing of correct PPE *Operating Grading Equipment Procedure *Maintenance Procedure
↓- Major	4 - Major	4 - Major	3 - Moderate	3 - Moderate	3 - Moderate	4 - Major	4 - Major	4 - Major	3 - Moderate	4 - Major	3 - Moderate	2 - Minor	3 - Moderate	+ - Major	3 - Moderate	5 - Catastrophic		5 - Catastrophic	SEVERITY		3 - Moderate	3 - Moderate	4 - Major	SEVERITY		4 - Major	3 - Moderate
A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	ГІКЕГІНООВ		A - Rare	A - Rare	A - Rare	LIKELIHOOD		A- Rare	A- Rare
A+ Lww	54- Low	54 - Low	A3 - L0q	wol-C	83-Lon	A4-Lon	Attor	A#-Law	A3 - Low	A4-Lon	A3-Low	A2 Low	AS - Low	Ad-Low	A3-10%	A5 - Medium	A3 - Low	A5 - Medium	RESIDUAL RISK RATING		A3 - Lov	83 - Lou	A4-Loa	RESIDUAL RISK RATING	-	A4-Dae	AS - Low

	Driving to weighbridge							0	Loadine Sampline during loading				Pre-loading inspection				Driving to loading zone		ACTIVITY					Drive to weighbridge		, r		
speeding and reckless driving	S	Movement of people and other vehicles		Use of old sampling probe	Walking on top of the grain	Working at height sitting/standing on the edge of the wagon	Dust, grain particles and other objects		00000000000000000000000000000000000000	Dust from grain	Working at heights	Climbing on top of the wagon	Working at heights	Climbing on top of the wagon	Speeding off weighbridge	Speeding and reckless driving		Movement of people and other vehicles	HAZARD		Speeding onto or off weighbridge		Driving with upper trailer lifted	0	Speeding and rockless driving	Movement of people and other vehicles	Sharp objects in the wagon	Working at heights
infrastructure	Collision-people, vehicles, objects,	infrastructure	Collision annula rabialty abiasts	Injury to hands	Injury caused by sinking into grain	Injury due to falling from height	Allergies due to dust/product	Injury to eyes due to dust and foreign objects	Lung disease due to inhalation of dust	Suffocation from inhaling the dust	Injury due to falling from height	injury due to slipping and falling from climbing the wagon	Falling from height	Injury due to slipping and falling from wagon	Damage to load-cell	infrastructure	Collision-people vehicles objects	Collision-people, vehicles, objects,	RISK		Damage to load-cell	Track over turn resulting to damage to property	Truck over turn resulting in injury to people	infrastructure	Collision-people, vehicles, objects,	Collision-people, vehicles, objects, infrastructure	Injury to hand/feet caused by sharp objects while cleaning.	injury due to falling from height
Α	S	>	s	s	ø	s	Œ	s	п	v	s	o.	Ø	s	Α	×	v z	S	S/H/E/A		Α	Þ	s	Α	S	» (n	S	· va
3 - Moderate	5 - Catastrophic	3 - Moderate	5 - Catastrophic	2 - Minor	4 - Major	+-Major	3 - Moderate	3 - Moderate	3 - Moderate	4 - Major	4 - Major	4 - Major	+ - Major	4 - Major	3 - Moderate	3 - Moderate	5 - Canstrophic	5 - Catastrophic	SEVERITY	AREA: LO	3 - Moderate	3 - Moderate	4 - Major	3 - Moderate	5 - Canstrophic	5 - Catastrophic	3 - Moderate	+ - Major
C-Occasional	A- Rare	C- Occasional	A- Rarc	C- Occasional	B - Unlikely	C- Occasional	C - Occasional	B - Unlikely	B - Unlikely	B - Unlikely	C- Occasional	B - Unlikely	C-Occasional	B - Unlikely	C - Occasionally	C- Occasional	A- Race	A- Rare	LIKELIHOOD	LOADING ZONE	C - Occasionally	C - Occasionally	B - Unlikely	C- Occasional	A- Rare	A- Rare	C-Occasional	C- Occasional
C3 - Medium	A5 - Medium	C3 - Medium	A5 - Medium	C2-Lon	B4 - Medium	C4 - High	C3 - Medium	\$2 - Low	83-Lon	B4 - Medium	С4-Нідһ	B4 - Medium	C+-High	B4 - Medium	C3 - Medium	C3 - Medium	AS - Medium	A5 - Medium	RAW RISK RATING		C3 - Medium	C3 - Medium	B4 - Medium	C3 - Medium	A5 - Medium	A5 - Medium	C3 - Medium	C+-High
*Site rules signage	*Speed limit signage	of the road entrance and	*Demarcated walkways	* Operating of sampling probe procedure	* Construct platform *Working at heights Procedure *Loading Procedure	* Construct platform *Working at heights Procedure *Loading Procedure	*Wearing correct PPE *Fitness to work Procedure	* Wearing correct PPE	* Wearing correct PPE *Fitness to work Procedure	*Wearing correct PPE *Fitness to work Procedure *Medical Surveillance	*Wearing of safety harness *Working at heights Procedure	* Wearing of safety harmess *Working at heights Procedure	*Wearing of safety harness *Working at heights Procedure	*Pre-loading Inspection *Training for working at heights	* Speed limit sign * Notice sign	*Site rules signage	of the road entrance and	*Demarcated walkways *clearly indicate which side	CONTROL MEASURE/S		* Speed limit sign * Notice sign		* Offloading Procedure * Visual inspection	*Site rules signage	*Speed limit signage	*Demarcated walkways *clearly indicate which side of the road entrance and exits is location	*Wearing correct PPE *Offloading Procedure	* Wearing of safety harness *Working at heights Procedure
3 - Moderate	5 - Catastrophic	3 - Moderate	5 - Catastrophic	2 - Minor	+- Major	4 - Major	3 - Moderate	3 - Moderate	3 - Moderate	4 - Major	4 - Major	4 - Major	4 - Major	4 - Major	3 - Moderate	3 - Moderate	3 - Moderate	5 - Catastrophic	SEVERITY		3 - Moderate	3 - Moderate	+ - Major	3 - Moderate	5 - Catastrophic		3 - Moderate	+-Major
A- Rare	A- Rare	A- Rarc	A- Rare	A- Rarc	A- Rare	A- Rarc	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	LIKELIHOOD		A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare
401-5A	A5 - Medium	A3 - Low	A5 - Medium	42 - Low	scal by	A4-Law	53 - Love (1)	A3 - Loq	.63 - Love	A4-Low	Ad-Low	A.t. Love	Ad-Low	Art - Low	A3-Low	A3-Low	A5 - Medium	A5 - Medium	RESIDUAL RISK RATING		AD - Low	A3 - Low	A4 - Law	ACL - LOW	A5 - Medium	AS-Low	A3-Loa	£4 Law

			*Modical Surveillance							
At - Low	A- Rare	4 - Major	* Working at heights training * Wearing of safety harness *Working at Heights Procedure	B4 - Medium	B - Unlikely	4 - Major	v	Injury due to falling from height	Working at heights	
A2-Low	A- Rarc	3 - Moderate	* Intrinsically safe lamp *Housekeeping of Bins Procedure	B3 - Low	B - Unlikely	3 - Moderate	я	Vision impairment caused by working in an area with insufficient lighting	Insufficient lighting	
A3 - Loc	A- Rare	3 - Moderate	* PPE *Fimess to work Procedure *Medical Surveillance *Housekceping of Bins	B3:-Low	B - Unlikely	3 - Moderate	m	Lung disease due to inhalation of dust		Cleaning the bin
A4 - Laye	A- Rare	4 - Major	* ppE *Fitness to work Procedure *Fitness to work Procedure *Medical Surveillance *Housekeeping of Bins Procedure	B4 - Medium	B - Unikely	+ - Major	×	Suffocution from inhaling the dust	Dust from grain	ä
AF-Low Low	A- Rarc	4 - Major	*PPE *Housekeeping of Bins Procedure *Monitoring equipment	B4 - Medium	B - Unlikely	∔ - Major	#	Health risk due to inhalation of fumes	Hazardous fumes	
RESIDUAL RISK RATING	LIKELIHOOD	SEVERITY	CONTROL MEASURE/S	RAW RISK RATING	LIKELIHOOD	SEVERITY	S/H/E/A	RISK	HAZARD	ACTIVITY
					BIN EMPTY	AREA: SILO BIN EMPTY				
A4-Las	A- Rare	4 - Major	* Wearing correct PPE *Training on housekeeping of Bins *Housekeeping of Bins Procedure	B4 - Medium	B - Unlikely	+ - Major	π.	Health risk due to inhalation of gases	Huzardous gases	
Al-Loa	A- Rare	↓ - Major	* Working at heights training * Wearing of safety harness *Working at heights Procedure	C+-High	C- Occasional	4 - Major	s.	lnjury due to falling from height	Working at heights	Dipping and check for insects and moisture
A5 - Medium	A- Rare	5 - Catastrophic	* Training on fumigation *Wearing correct PPE * Monitoring equipment *Fumigation Procedure	B5-High	B - Unlikely	5 - Catastrophic	π	Health risk due to inhalation of gases	Hazardous gases leaking from the bin	Monitoring of gas
Ad-Low	A- Rarc	4 - Major	*Fumigation Procedure	B4 - Medium	B - Unlikely	+ - Major	Α	Asset damage due to fire from reaction of chemicals with water		
A4-Low	A- Rare	4 - Major	* Training on fumigation	B4 - Medium	B - Unlikely	4 - Major	s	Injury due to fire from reaction of chemicals with water	Throwing tablets into moist environment	
Ad-Lan	A- Rare	4 - Major	* Training on furnigation * Wearing correct PPE * Furnigation Procedure	B4 - Medium	B - Unlikely	+ - Major	t/s	Fatality due to inhalation of tablet lumes	Throwing tablets into silo bin	fumigation box and hopper
AH-Low	A- Rare	4 - Major	*Working at heights training *Working of safety harness *Working at heights Procedure *Furnigation Procedure	C4- Hgh	C- Occasional	4 - Major	ω	Injury due to falling from height	Working at heights	fumigation, from the top, through the
RESIDUAL RISK RATING	LIKELIHOOD	SEVERITY	CONTROL MEASURE/S	RAW RISK RATING	LIKELIHOOD	SEVERITY	S/H/E/A	RISK	HAZARD	ACTIVITY
					O BIN FULL	AREA: SILO BIN FULL				
83 - Low	A- Rare	3 - Moderate	* Speed limit sign * Notice sign	C3 - Medium	C - Occasionally	3 - Moderate	Α	Damage to load-cell	Speeding off weighbridge	
A5 - Medium A5 - Lou	A- Rare A- Rare	5 - Catastrophic 3 - Moderate	*Speed limit signage *Site rules signage	A5 - Medium C3 - Medium	A- Rare C- Occasional	5 - Catastrophic 3 - Moderate	> 0	Collision-people, vehicles, objects, infrastructure	Speeding and reckless driving	Drive from werghoridge to exit
A3-Low	A- Rare	3 - Moderate	of the road entrance and exits is location	C3 - Medium	C-Occasional	3 - Moderate	Α	inirastructure	Movement of people and other vehicles	
A5 - Medium	A- Rare	5 - Catastrophic	*Demarcated walkways	A5 - Medium	A- Rare	5 - Catastrophic	s	Collision-people, vehicles, objects.		
RESIDUAL RISK RATING	LIKELIHOOD	SEVERITY	CONTROL MEASURE/S	RAW RISK RATING	LIKELIHOOD	SEVERITY	S/H/E/A	RISK	HAZARD	ACTIVITY
					AREA: EXIT	AREA:				
A3-Low	A- Kare	5 - Moderate	* Notice sign	C3 - Medium	C - Occasionally	3 - Moderate	۵	Damage to load-cell	outo or our selfmental	

	Pre-loading inspection		0	Shunting of railway wagons	Walking adjacent to/along the operational railway	ACTIVITY		Cleaning of Canteen & ablution facilities	Moving around the canteen	Preparing food	ACTIVITY		9	Operating Silo control system	ACTIVITY			Visual inspection	bin	Spraving posterdes from inside the sito	.79
Climbing on top of the wagon	Working at heights	Climbing on top of the wagon	Runaway wagons	Runaway wayons	Struck by a Train	HAZARD		Hazardous cleaning chemicals	Cables and loose items	Damage / faulty electrical equipment	HAZARD		Cables and loose items	High voltage electrical equipment	HAZARD		Working at heights	Hazardous fumes	Working at heights	Hazardous (umos	High temperatures
Injury due to slipping and falling from climbing the wagon	Falling from height	Injury due to slipping and falling from wagon	Derailment and damage to property	Fatality/Injury due to being struck by wagon	Farality/Injury due to being struck by train	RISK		cleaning chemicals	Injury due to tripping and falling	Injury/fatality due to electrocution	RISK		Injury due to tripping and falling	Injury/fatality due to Electrocution	RISK		Injury due to falling from height	Health risk due to inhalation of Hazardous fumes	Injury due to falling from height	Fatality due to inhalation of hazardous fumes	Heat stroke due to working inside the silo at extremely high temperatures
s	S	S	2	S	s	S/H/E/A		н	S	s	S/H/E/A		s	s	S/H/E/A		ω	ш	v	ж	Ξ
4 - Major	4 - Major	+-Major	4 - Major	4 - Major	+ - Major	SEVERITY	AREA: I	2 - Minor	4 - Major	4 - Major	SEVERITY	AREA: CANTEEN &	+ - Major	+- Major	SEVERITY	AREA: CON	4 - Major	+- Major	+- Major	5 - Catastrophic	2 - Minor
B - Unlikely	C- Occasional	B - Unlikely	A - Rare	A - Rare	A - Rare	LIKELIHOOD	AREA: RAILWAY	A - Rare	B - Unlikely	A - Rare	LIKELIHOOD	AREA: CANTEEN & ABLUTION FACILITIES	B - Unlikely	B - Unlikely	LIKELIHOOD	AREA: CONTROL ROOM	C-Occasional	B - Unlikely	C- Occasional	B - Unlikely	B - Unlikely
84 - Medium	C4 - High	B4 - Medium	B4 - Medium	B4 - Mcdium	A4-Low	RAW RISK RATING		A2 - Low	B4 - Medium	A4-Low	RAW RISK RATING	S	B4 - Medium	B4 - Medium	RAW RISK RATING		C4 - High	B4 - Medium	C4 - High	BS - High	B2 - Low
* Wearing of safety harness *Working at heights Procedure	* Wearing of safety harness *Working at heights Procedure	*Training for working at heights	* Safe Work Procedure Siding	* Safe Work Procedure Siding		CONTROL MEASURE/S		*MSDS Training	* SHE representative inspection * Housekeeping and Hygiene Procedure	* Inspection of Electrical Equipment * Equipment Maintenance	CONTROL MEASURE/S		* Housekeeping and Hygiene Procedure	* Regular Maintenance *Maintenance Procedure	CONTROL MEASURES		*Working at heights training *Wearing of safety harness *Working at Heights Procedure *Medical Surveillance	* Monitoring squipment Procedure * PPE * Training on monitoring cquipment * Inspection registers for monitoring squipment * Calibration certificate	*Working at heights training *Wearing of safety harness *Working at Heights Procedure *Medical Surveillance	* PPE *Training on using pesticides *Pesticides Program Procedure *Medical Surveillance	Procedure
4 - Major	+-Major	+ - Major	↓ - Major	4 - Major	+ - Major	SEVERITY		2 - Minor	4 - Major	+ - Major	SEVERITY		4 - Major	4 - Major	SEVERITY		4 - Major	4 - Major	4 - Major	5 - Catastrophic	2 - Minor
A- Rare	A- Rare	A- Rare	A - Rare	A - Rare	A - Rare	LIKELIHOOD		A- Rare	A- Rare	A- Rare	LIKELIHOOD		A- Rare	A- Rare	LIKELIHOOD		A- Rare	A- Rare	A- Rare	A- Rare	A- Rare
Ad-Loa	A4-Low	A4 - Loss	A4-Law	A4-Low	A4-Low	RESIDUAL RISK RATING		42 - Love	A+ Low	A+ Low	RESIDUAL RISK RATING		A4-10W	44-104	RESIDUAL RISK RATING		Ation	A4 - Low	Ad - Low	A5 - Medium	A2-Low

				Lodding, Sampung uning waring	Looding Compling during boding		(6)
Use of old sampling probe	Walking on top of the grain	Working at height sitting/standing on the digury due to falling from height edge of the wagon	Dust, grain particles and other objects		Prox none grant	Duct from arxin	working at neglins
Injury to hands	injury caused by sinking into grain	Injury due to falling from height	Allergies due to dust/product	Injury to eyes due to dust and foreign objects	Lung disease due to inhalation of dust	Suffocation from inhaling the dust	alux due to falling from height
S	ø	S	ж	s	Ŧ	S	v
2 - Minor	4 - Major	4 - Major	3 - Moderate	3 - Moderate	3 - Moderate	4 - Major	+- Major
C - Occasional	B - Unlikely	C-Occasional	C-Occasional	B - Unlikely	B - Unlikely	B - Unlikely	C- Occasional
CZ-Low	B4 - Medium	C4 - High	C3 - Medium	P3-LM	E3 - Low	B4 - Medium	C4-ruga
* Operating of sampling probe procedure	*Construct platform *Working at heights Procedure *Loading Procedure	*Construct platform *Working at heights Procedure *Loading Procedure	*Wearing correct PPE *Fimess to work Procedure	* Wearing correct PPE	* Wearing correct PPE *Filmess to work Procedure	* Wearing correct PPE *Fitness to work Procedure *Medical Surveillance	Procedure
2 - Minor	4 - Major	+- Major	3 - Moderate	3 - Moderate	3 - Moderate	4 - Major	+- Major
A- Rarc	A+ Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Rare	A- Kare
A2 - Low	A4 - Low	A+- Low	A3 - Low	263 - Lova	A3 - Low	A+-Low	264 - 1266

22/06/20

22/06/21

Monique Classen

22 June 2021

RISK ASSESSMENT

BRANCH: Agrimark Grain Klipheuwel

DATE: 08-Jun-21

COMPILED BY: Monique Classen (SHEQ Advisor); Rhyan Coetzee (Manager); Zanethemba Fenge (SHE Representative)

Signature SHEQ Advisor: Signature Manager:

Signature SHE Representative:

AREA: ENTRANCE

ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL MEASURE/S	SEVERITY	LIKELIHOOD	RESIDUAL RISK RATING
	Movement of people and other vehicles	Collision-people, vehicles, objects, infrastructure	S	5 - Catastrophic	A- Rare	A5 - Medium	*Demarcated walkways *clearly indicate which side of the road entrance and	5 - Catastrophic	A- Rare	A5 - Medium
Vehicle enters premises			A	3 - Moderate	C- Occasional	C3 - Medium	exits is location	3 - Moderate	A- Rare	A3 - Low
	Speeding and reckless driving	Collision-people, vehicles, objects,	S	5 - Catastrophic	A- Rare	A5 - Medium	*Speed limit signage	5 - Catastrophic	A- Rare	A5 - Medium
		infrastructure	A	3 - Moderate	C- Occasional	C3 - Medium	*Site rules signage	3 - Moderate	A- Rare	A3 - Low
	Working at heights	Injury/fatality due to falling from height	S	4 - Major	C- Occasional	C4 - High	* Wearing of safety harness *Sampling procedure	4 - Major	A- Rare	A4 - Low
Taking sample	Vehicle moves while samples are being taken	Injury/fatality due to falling from height	S	4 - Major	B - Unlikely	B4 - Medium	* Working at Height procedure	4 - Major	A- Rare	A4- Low
	taken	Damage of probe being caught by vehicle	A	2 - Minor	D - Regular	D2 - Medium	*Sampling procedure	2 - Minor	B - Unlikely	B2 - Low
	Foreign objects in grain	Damage to the spiral probe	A	2 - Minor	D - Regular	D2 - Medium	* Engineering Control (Create sieve for spiral probe)	2 - Minor	B - Unlikely	B2 - Low
			S	5 - Catastrophic	A- Rare	A5 - Medium	*Demarcated walkways	5 - Catastrophic	A- Rare	A5 - Medium
Vehicle drive to weighbridge	Movement of people and other vehicles	Collision-people, vehicles, objects, infrastructure	A	3 - Moderate	C- Occasional	C3 - Medium	*clearly indicate which side of the road entrance and exits is location	3 - Moderate	A- Rare	A3 - Low

AREA: OFFICE

ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL MEASURE/S	SEVERITY	LIKELIHOOD	RESIDUAL RISK RATING
		Injury due to electrocution	S	4 - Major	A- Rare	A4 - Low	* Inspection of electrical	4 - Major	A- Rare	A4 - Low
		Injury due to fire	S	4 - Major	A- Rare	A4 - Low	equipment,	4 - Major	A- Rare	A4 - Low
Operating equipment in Office/kitchen	Damage / faulty Electrical Equipment	Asset damage due to fire	A	3 - Moderate	A- Rare	A3 - Low	*Machine inspection register * Maintenance Procedure	3 - Moderate	A- Rare	A3 - Low
		Injury due to tripping	S	4 - Major	B - Unlikely	B4 - Medium	*SHE representative inspection register	4 - Major	A- Rare	A4 - Low
	Boiling water in kettle	Burn caused by boiling water in kettle	S	3 - Moderate	A- Rare	A3 - Low	*Instruction poster for use of kettle	3 - Moderate	A- Rare	A3 - Low
		Injury due to electrocution	S	4 - Major	A- Rare	A4 - Low		4 - Major	A- Rare	A4 - Low
			S	4 - Major	A- Rare	A4 - Low		4 - Major	A- Rare	A4 - Low
Working in kitchen	Damage / faulty Electrical Equipment	Injury / asset damage due to fire	Α	3 - Moderate	A- Rare	A3 - Low	* Inspection of electrical equipment,	3 - Moderate	A- Rare	A3 - Low
		Injury due to tripping	s	4 - Major	C- Occasional	C4 - High	*SHE representative inspection register	4 - Major	A- Rare	A4 - Low
	Boiling water from kettle	Burn caused by boiling water in kettle	S	3 - Moderate	A- Rare	A3 - Low	*Instruction for use of kettle	3 - Moderate	A- Rare	A3 - Low

Operating Grading Equipment	Boiling water (FN)	Burn caused by boiling water and hot equipment	S	3 - Moderate	A- Rare	A3 - Low	*Wearing of correct PPE *Operating Grading Equipment Procedure *Maintenance Procedure	3 - Moderate	A- Rare	A3 - Low
	Moving equipment (Shaker)	Injury caused by loose equipment	S	4 - Major	A- Rare	A4 - Low		4 - Major	A- Rare	A4 - Low
	L	<u> </u>		AREA: WEI	GHBRIDGE	I	1		1	
ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL MEASURE/S	SEVERITY	LIKELIHOOD	RESIDUAL RISK RATING
	Vehicle unattended while ignition is on/	Run away vehicle causing collision - people	S	4 - Major	A- Rare	A4 - Low	*Weighbridge Operation Procedure	4 - Major	A - Rare	A4 - Low
Vehicle stop on weighbridge	parking brakes fail	Run away vehicle causing collision - property	A	3 - Moderate	A- Rare	A3 - Low	*Weighbridge Operation Procedure	3 - Moderate	A - Rare	A3 - Low
	Speeding onto or off weighbridge	Damage to load-cell	A	3 - Moderate	C - Occasionally	C3 - Medium	* Speed limit sign * Notice sign	3 - Moderate	A - Rare	A3 - Low
				ABEA OF	EL CADING					
	T		1	AREA: OFI	<u> </u>	Ι	CONTROL		T	RESIDUAL RISK
ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	MEASURE/S	SEVERITY	LIKELIHOOD	RATING
Driving to off-loading area	Movement of people and other vehicles	Collision-people, vehicles, objects, infrastructure	S A	5 - Catastrophic 3 - Moderate	A- Rare C- Occasional	A5 - Medium C3 - Medium	*Demarcated walkways *clearly indicate which side of the road entrance and exits is location	5 - Catastrophic 3 - Moderate	A- Rare A- Rare	A5 - Medium A3 - Low
	Speeding and reckless driving	Collision-people, vehicles, objects,	S	5 - Catastrophic	A- Rare	A5 - Medium	*Speed limit signage	5 - Catastrophic	A- Rare	A5 - Medium
		infrastructure	A	3 - Moderate	C- Occasional	C3 - Medium	*Site rules signage * Wearing correct PPE	3 - Moderate	A- Rare	A3 - Low
	Dust from grain	Suffocation from inhaling the dust	S	4 - Major	B - Unlikely	B4 - Medium	* Fitness to Work Procedure	4 - Major	A- Rare	A4 - Low
	Dust Holli grani	Lung disease due to inhalation of dust	Н	3 - Moderate	B - Unlikely	B3 - Low	* Wearing correct PPE * Fitness to Work Procedure	3 - Moderate	A- Rare	A3 - Low
	Dust, grain particles and other objects	Injury to eyes due to dust and foreign objects	S	3 - Moderate	B - Unlikely	B3 - Low	* Wearing correct PPE	2 - Minor	A- Rare	A2 - Low
	Dust, gram particles and other objects	Allergies due to dust/product	Н	3 - Moderate	C- Occasional	C3 - Medium	* Fitness to Work Procedure	3 - Moderate	A- Rare	A3 - Low
Tipping the load	The lifting of the tipper trailer	Damage to property	A	4 - Major	D - Regular	D4 - High	* Height restriction board *Offloading Procedure	4 - Major	A- Rare	A4- Low
	Noise above the exposure limit	Hearing loss due to noise above exposure limit	Н	3 - Moderate	C- Occasional	C3 - Medium	* Wearing correct PPE * Fitness to Work Procedure	3 - Moderate	A- Rare	A3 - Low
		Injury to people at the offloading zone	S	4 - Major	B - Unlikely	B4 - Medium	*Offloading Procedure *Wearing correct PPE	4 - Major	A- Rare	A4- Low
	Constant moving vehicle while offloading	Damage to property	A	4 - Major	D - Regular	D4 - High	* Height restriction board to be installed * Offloading Procedure	4 - Major	A- Rare	A4- Low
	Dust from grain	Suffocation from inhaling the dust	S	4 - Major	B - Unlikely	B4 - Medium	* Wearing correct PPE * Fitness to Work	4 - Major	A- Rare	A4 - Low
		Lung disease due to inhalation of dust	Н	3 - Moderate	B - Unlikely	B3 - Low	Procedure	3 - Moderate	A- Rare	A3 - Low
	Dust, grain particles and other objects	Injury to eyes due to dust and foreign objects	S	3 - Moderate	B - Unlikely	B3 - Low	* Wearing correct PPE	3 - Moderate	A- Rare	A3 - Low
	- Table of the second of the s	Allergies due to dust/product	Н	3 - Moderate	C- Occasional	C3 - Medium	* Fitness to Work Procedure	3 - Moderate	A- Rare	A3 - Low
	Pressure on the sluice gate	Injury caused by sluice gate	S	4 - Major	D - Regular	D4 - High	*Offloading Procedure	4 - Major	A- Rare	A4 - Low
Manual offloading	Constant moving vehicle while offloading	Injury to people at the offloading zone	S	4 - Major	B - Unlikely	B4 - Medium	*Offloading Procedure *Wearing correct PPE	4 - Major	A- Rare	A4 - Low
	Climbing on top of the wagon	Injury due to slipping and falling from wagon	S	4 - Major	B - Unlikely	B4 - Medium	*Offloading Procedure and Working at heights Procedure *Training for working at heights	4 - Major	A- Rare	A4- Low

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	Working at heights	Injury due to falling from height	S	4 - Major	C- Occasional	C4 - High	* Wearing of safety harness *Working at heights Procedure	4 - Major	A- Rare	A4- Low
	Sharp objects in the wagon	Injury to hand/feet caused by sharp objects while cleaning.	S	3 - Moderate	C- Occasional	C3 - Medium	*Wearing correct PPE *Offloading Procedure	3 - Moderate	A- Rare	A3 - Low
	Movement of people and other vehicles	Collision-people, vehicles, objects, infrastructure	S	5 - Catastrophic	A- Rare	A5 - Medium	*Demarcated walkways *clearly indicate which side of the road entrance and	5 - Catastrophic	A- Rare	A5 - Low
			A	3 - Moderate	C- Occasional	C3 - Medium	exits is location	3 - Moderate	A- Rare	A3 - Low
	Speeding and reckless driving	Collision-people, vehicles, objects,	S	5 - Catastrophic	A- Rare	A5 - Medium	*Speed limit signage	5 - Catastrophic	A- Rare	A5 - Medium
Drive to weighbridge	-F8	infrastructure	A	3 - Moderate	C- Occasional	C3 - Medium	*Site rules signage	3 - Moderate	A- Rare	A3 - Low
2116 to weightnege	Driving with tipper trailer lifted	Truck over turn resulting in injury to people	S	4 - Major	B - Unlikely	B4 - Medium	* Offloading Procedure * Visual inspection	4 - Major	A- Rare	A4 - Low
		Truck over turn resulting to damage to property	A	3 - Moderate	C - Occasionally	C3 - Medium		3 - Moderate	A- Rare	A3 - Low
	Speeding onto or off weighbridge	Damage to load-cell	A	3 - Moderate	C - Occasionally	C3 - Medium	* Speed limit sign * Notice sign	3 - Moderate	A- Rare	A3 - Low
				AREA: LOA	DING ZONE					
ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL MEASURE/S	SEVERITY	LIKELIHOOD	RESIDUAL RISK RATING
	Movement of people and other vehicles	Collision-people, vehicles, objects,	S	5 - Catastrophic	A- Rare	A5 - Medium	*Demarcated walkways *clearly indicate which side	5 - Catastrophic	A- Rare	A5 - Medium
	Wiovement of people and other venicles	infrastructure	A	3 - Moderate	C- Occasional	C3 - Medium	of the road entrance and	3 - Moderate	A- Rare	A3- Low
Driving to loading zone	Speeding and realtless driving	Collision-people, vehicles, objects,	S	5 - Catastrophic	A- Rare	A5 - Medium	*Speed limit signage	5 - Catastrophic	A- Rare	A5 - Medium
	Speeding and reckless driving	infrastructure	A	3 - Moderate	C- Occasional	C3 - Medium	*Site rules signage	3 - Moderate	A- Rare	A3- Low
	Speeding off weighbridge	Damage to load-cell	A	3 - Moderate	C - Occasionally	C3 - Medium	* Speed limit sign * Notice sign	3 - Moderate	A- Rare	A3- Low
	Climbing on top of the wagon	Injury due to slipping and falling from wagon	S	4 - Major	B - Unlikely	B4 - Medium	*Pre-loading Inspection *Training for working at heights	4 - Major	A- Rare	A4 - Low
Pre-loading inspection	Working at heights	Falling from height	S	4 - Major	C- Occasional	C4 - High	* Wearing of safety harness *Working at heights Procedure	4 - Major	A- Rare	A4 - Low
	Climbing on top of the wagon	Injury due to slipping and falling from climbing the wagon	S	4 - Major	B - Unlikely	B4 - Medium	* Wearing of safety harness *Working at heights Procedure	4 - Major	A- Rare	A4 - Low
	Working at heights	Injury due to falling from height	S	4 - Major	C- Occasional	C4 - High	* Wearing of safety harness *Working at heights Procedure	4 - Major	A- Rare	A4 - Low
	Dust from grain	Suffocation from inhaling the dust	S	4 - Major	B - Unlikely	B4 - Medium	* Wearing correct PPE *Fitness to work Procedure *Medical Surveillance	4 - Major	A- Rare	A4 - Low
Loading, Sampling during loading	Dust from grain	Lung disease due to inhalation of dust	Н	3 - Moderate	B - Unlikely	B3 - Low	* Wearing correct PPE *Fitness to work Procedure	3 - Moderate	A- Rare	A3 - Low
Loading, Sampling during loading		Injury to eyes due to dust and foreign objects	S	3 - Moderate	B - Unlikely	B3 - Low	* Wearing correct PPE	3 - Moderate	A- Rare	A3 - Low
	Dust, grain particles and other objects	Allergies due to dust/product	Н	3 - Moderate	C- Occasional	C3 - Medium	*Wearing correct PPE *Fitness to work Procedure	3 - Moderate	A- Rare	A3 - Low
	Working at height sitting/standing on the edge of the wagon	Injury due to falling from height	S	4 - Major	C- Occasional	C4 - High	* Construct platform *Working at heights Procedure *Loading Procedure	4 - Major	A- Rare	A4 - Low
	Walking on top of the grain	Injury caused by sinking into grain	S	4 - Major	B - Unlikely	B4 - Medium	* Construct platform *Working at heights Procedure *Loading Procedure	4 - Major	A- Rare	A4 - Low
	Use of old sampling probe	Injury to hands	S	2 - Minor	C- Occasional	C2 - Low	* Operating of sampling probe procedure	2 - Minor	A- Rare	A2 - Low
			S	5 - Catastrophic	A- Rare	A5 - Medium	*Demarcated walkways	5 - Catastrophic	A- Rare	A5 - Medium
Driving to weighbridge	Movement of people and other vehicles	Collision-people, vehicles, objects, infrastructure	A	3 - Moderate	C- Occasional	C3 - Medium	*clearly indicate which side of the road entrance and exits is location	3 - Moderate	A- Rare	A3 - Low
Diving to weighblidge	Speeding and reckless driving	Collision-people, vehicles, objects,	S	5 - Catastrophic	A- Rare	A5 - Medium	*Speed limit signage	5 - Catastrophic	A- Rare	A5 - Medium
		infrastructure	A	3 - Moderate	C- Occasional	C3 - Medium	*Site rules signage	3 - Moderate	A- Rare	A3 - Low

	Speeding onto or off weighbridge	Damage to load-cell	A	3 - Moderate	C - Occasionally	C3 - Medium	* Speed limit sign * Notice sign	3 - Moderate	A- Rare	A3 - Low
	•			AREA:	EXIT		Trottee sign			
ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL MEASURE/S	SEVERITY	LIKELIHOOD	RESIDUAL RISK RATING
		Collision-people, vehicles, objects,	S	5 - Catastrophic	A- Rare	A5 - Medium	*Demarcated walkways *clearly indicate which side	5 - Catastrophic	A- Rare	A5 - Medium
Drive from weighbridge to exit	Movement of people and other vehicles	infrastructure	A	3 - Moderate	C- Occasional	C3 - Medium	of the road entrance and exits is location	3 - Moderate	A- Rare	A3 - Low
Drive from weighbridge to exit	Speeding and reckless driving	Collision-people, vehicles, objects, infrastructure	S A	5 - Catastrophic 3 - Moderate	A- Rare C- Occasional	A5 - Medium C3 - Medium	*Speed limit signage *Site rules signage	5 - Catastrophic 3 - Moderate	A- Rare A- Rare	A5 - Medium A3 - Low
	Speeding off weighbridge	Damage to load-cell	A	3 - Moderate	C - Occasionally	C3 - Medium	* Speed limit sign * Notice sign	3 - Moderate	A- Rare	A3 - Low
	•			AREA: SILO	O BIN FULL		rouce sign		1	
ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL	SEVERITY	LIKELIHOOD	RESIDUAL RISK
Fumigation, from the top, through the	Working at heights	Injury due to falling from height	S	4 - Major	C- Occasional	C4 - High	* Working at heights training * Wearing of safety harness *Working at heights Procedure *Fumigation Procedure	4 - Major	A- Rare	RATING A4 - Low
fumigation box and hopper	Throwing tablets into silo bin	Fatality due to inhalation of tablet fumes	S	4 - Major	B - Unlikely	B4 - Medium	* Training on fumigation * Wearing correct PPE * Fumigation Procedure	4 - Major	A- Rare	A4 - Low
	Throwing tablets into moist environment	Injury due to fire from reaction of chemicals with water	S	4 - Major	B - Unlikely	B4 - Medium	* Training on fumigation * Visual inspection	4 - Major	A- Rare	A4 - Low
	Throwing tablets into moist environment	Asset damage due to fire from reaction of chemicals with water	A	4 - Major	B - Unlikely	B4 - Medium	*Fumigation Procedure	4 - Major	A- Rare	A4 - Low
Monitoring of gas	Hazardous gases leaking from the bin	Health risk due to inhalation of gases	Н	5 - Catastrophic	B - Unlikely	B5 - High	* Training on fumigation *Wearing correct PPE * Monitoring equipment *Fumigation Procedure	5 - Catastrophic	A- Rare	A5 - Medium
Dipping and check for insects and moisture	Working at heights	Injury due to falling from height	S	4 - Major	C- Occasional	C4 - High	* Working at heights training * Wearing of safety harness *Working at heights Procedure	4 - Major	A- Rare	A4 - Low
nonate	Hazardous gases	Health risk due to inhalation of gases	Н	4 - Major	B - Unlikely	B4 - Medium	* Wearing correct PPE *Training on housekeeping of Bins *Housekeeping of Bins Procedure	4 - Major	A- Rare	A4 - Low
				AREA: SILO	BIN EMPTY					
ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL MEASURE/S	SEVERITY	LIKELIHOOD	RESIDUAL RISK RATING
	Hazardous fumes	Health risk due to inhalation of fumes	Н	4 - Major	B - Unlikely	B4 - Medium	*PPE *Housekeeping of Bins Procedure *Monitoring equipment	4 - Major	A- Rare	A4 - Low
	Dust from grain	Suffocation from inhaling the dust	S	4 - Major	B - Unlikely	B4 - Medium	* PPE *Fitness to work Procedure *Medical Surveillance *Housekeeping of Bins Procedure	4 - Major	A- Rare	A4 - Low
Cleaning the bin		Lung disease due to inhalation of dust	Н	3 - Moderate	B - Unlikely	B3 - Low	* PPE *Fitness to work Procedure *Medical Surveillance *Housekeeping of Bins	3 - Moderate	A- Rare	A3 - Low
	Insufficient lighting	Vision impairment caused by working in an area with insufficient lighting	Н	3 - Moderate	B - Unlikely	B3 - Low	* Intrinsically safe lamp *Housekeeping of Bins Procedure	3 - Moderate	A- Rare	A3 - Low
	Working at heights	Injury due to falling from height	S	4 - Major	B - Unlikely	B4 - Medium	* Working at heights training * Wearing of safety harness *Working at Heights Procedure *Medical Surveillance	4 - Major	A- Rare	A4 - Low

	High temperatures	Heat stroke due to working inside the silo at extremely high temperatures	Н	2 - Minor	B - Unlikely	B2 - Low	*Cleaning of Bins Procedure	2 - Minor	A- Rare	A2 - Low
	Hazardous fumes	Fatality due to inhalation of hazardous fumes	Н	5 - Catastrophic	B - Unlikely	B5 - High	* PPE *Training on using pesticides *Pesticides Program Procedure *Medical Surveillance	5 - Catastrophic	A- Rare	A5 - Medium
Spraying pesticides from inside the silo bin	Working at heights	Injury due to falling from height	s	4 - Major	C- Occasional	C4 - High	* Working at heights training * Wearing of safety harness *Working at Heights Procedure *Medical Surveillance	4 - Major	A- Rare	A4 - Low
Visual inspection	Hazardous fumes	Health risk due to inhalation of Hazardous fumes	Н	4 - Major	B - Unlikely	B4 - Medium	* Monitoring equipment Procedure *PPE *Training on monitoring equipment *Inspection registers for monitoring equipment *Calibration certificate	4 - Major	A- Rare	A4 - Low
	Working at heights	Injury due to falling from height	S	4 - Major	C- Occasional	C4 - High	* Working at heights training * Wearing of safety harness *Working at Heights Procedure *Medical Surveillance	4 - Major	A- Rare	A4 - Low
				AREA: CON	ΓROL ROOM					
ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL MEASURE/S	SEVERITY	LIKELIHOOD	RESIDUAL R RATING
Operating Silo control system	High voltage electrical equipment	Injury/fatality due to Electrocution	S	4 - Major	B - Unlikely	B4 - Medium	* Regular Maintenance *Maintenance Procedure	4 - Major	A- Rare	A4 - Low
Operating Bilo control system	Cables and loose items	Injury due to tripping and falling	S	4 - Major	B - Unlikely	B4 - Medium	* Housekeeping and Hygiene Procedure	4 - Major	A- Rare	A4 - Low
				AREA: CANTEEN & A	BLUTION FACILITIES					
ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL MEASURE/S	SEVERITY	LIKELIHOOD	RESIDUAL F RATING
Preparing food	Damage / faulty electrical equipment	Injury/fatality due to electrocution	S	4 - Major	A - Rare	A4 - Low	* Inspection of Electrical Equipment * Equipment Maintenance	4 - Major	A- Rare	A4- Low
Moving around the canteen	Cables and loose items	Injury due to tripping and falling	S	4 - Major	B - Unlikely	B4 - Medium	* SHE representative inspection * Housekeeping and Hygiene Procedure	4 - Major	A- Rare	A4- Low
Cleaning of Canteen & ablution facilities	Hazardous cleaning chemicals	Injury due to exposure to hazardous cleaning chemicals	Н	2 - Minor	A - Rare	A2 - Low	*MSDS *MSDS Training	2 - Minor	A- Rare	A2 - Low
	<u> </u>			AREA: R	AILWAY				1	<u> </u>
ACTIVITY	HAZARD	RISK	S/H/E/A	SEVERITY	LIKELIHOOD	RAW RISK RATING	CONTROL	SEVERITY	LIKELIHOOD	RESIDUAL R
Walking adjacent to/along the	Struck by a Train	Fatality/Injury due to being struck by train	S	4 - Major	A - Rare	A4 - Low	MEASURE/S	4 - Major	A - Rare	RATING A4 - Low
	Runaway wagons	Fatality/Injury due to being struck by wagon	S	4 - Major	A - Rare	B4 - Medium	* Safe Work Procedure Siding	4 - Major	A - Rare	A4 - Low
Shunting of railway wagons	Runaway wagons	Derailment and damage to property	A	4 - Major	A - Rare	B4 - Medium	* Safe Work Procedure Siding	4 - Major	A - Rare	A4 - Low
	Climbing on top of the wagon	Injury due to slipping and falling from wagon	S	4 - Major	B - Unlikely	B4 - Medium	*Pre-loading Inspection *Training for working at heights	4 - Major	A- Rare	A4 - Low
Pre-loading inspection	Working at heights	Falling from height	S	4 - Major	C- Occasional	C4 - High	* Wearing of safety harness *Working at heights Procedure	4 - Major	A- Rare	A4 - Low
	Climbing on top of the wagon	Injury due to slipping and falling from				B4 - Medium	* Wearing of safety harness *Working at heights	4 - Major	A- Rare	A4 - Low

Loading, Sampling during loading	Working at heights	Injury due to falling from height	S	4 - Major	C- Occasional	C4 - High	* Wearing of safety harness *Working at heights Procedure	4 - Major	A- Rare	A4 - Low
	Dust from grain	Suffocation from inhaling the dust	S	4 - Major	B - Unlikely	B4 - Medium	* Wearing correct PPE *Fitness to work Procedure *Medical Surveillance	4 - Major	A- Rare	A4 - Low
		Lung disease due to inhalation of dust	Н	3 - Moderate	B - Unlikely	B3 - Low	* Wearing correct PPE *Fitness to work Procedure	3 - Moderate	A- Rare	A3 - Low
	Dust, grain particles and other objects	Injury to eyes due to dust and foreign objects	S	3 - Moderate	B - Unlikely	B3 - Low	* Wearing correct PPE	3 - Moderate	A- Rare	A3 - Low
		Allergies due to dust/product	Н	3 - Moderate	C- Occasional	C3 - Medium	*Wearing correct PPE *Fitness to work Procedure	3 - Moderate	A- Rare	A3 - Low
	Working at height sitting/standing on the edge of the wagon	Injury due to falling from height	S	4 - Major	C- Occasional	C4 - High	* Construct platform *Working at heights Procedure *Loading Procedure	4 - Major	A- Rare	A4 - Low
	Walking on top of the grain	Injury caused by sinking into grain	S	4 - Major	B - Unlikely	B4 - Medium	* Construct platform *Working at heights Procedure *Loading Procedure	4 - Major	A- Rare	A4 - Low
	Use of old sampling probe	Injury to hands	S	2 - Minor	C- Occasional	C2 - Low	* Operating of sampling probe procedure	2 - Minor	A- Rare	A2 - Low