SABLE ENTERPRISES

Hazard Identification Risk Assessment And Risk Control Resister (HIRA)

	Str.				Hazard Identification, Ki	31																	Additiona	Controls			1
N. T	Children Children			Machins Shop.							ید	-	ò	ó	Š		Operational Control										
				_		o Z			Legal	apilly	dnen	Resultant	Risk level	Sig. Hira No.	Priority No.	Objective No.										MP No	7
3	Main Activity	Activities	Sub-Activities E	E / R	Hazard	Hazard	isk	Present control	Legal	Probability	Conseduenc	Res	RIS	. Slg.	P.	obje	E	S	EC	w	P		OCP	10	-	MF NO	
			Uplift the component from operating tray and load on fixture.	R	While uplifting the material component may fall on leg. Hand injury if table rotated in running cycle.	25 1	1. Injury to leg.	1. Safety shoes provided. 2. Cycle interlocked with LED Curtain.		1	1	1	L	-	-	-	√	-	-	-	- '		-				
c	Component washing	g operation 70.	Start the cycle for component washing.		While washing machine start solvent may fly on face.	26 I	Intury to eyes and	1.Machine cycle interlocked with door closing.	th -	1	1	1	L		-	-		-	-	-	-						_
			Unloading of component and keeping on operating tray	R	While unload the component may be chances of figure cut.	27	Injury to fingure.	Safety hand gloves provided	-	2	2	4	М		-	- -	-	-	-	-	- 🗸	/					-
		- 1	Uplift the component from operating tray and load on fixture.		While uplifting the material component may fall on leg.	28	Injury to leg.	Safety shoes provided	-	2	2 2	2 4	М	1	-	-	-	- -	+	-	- \	/					_
Le	eaktesting	operation 80.	Start the leak testing cycle		Figures may cought in between sealing	29	Injury to fingure.	Safety hand gloves provided	-	. 2	2 2	2 4	4 M	1	-	-	-	- -	-	-	-	√					_
		-	Unloading of component and keeping on trolley	R	While unload the component may be chances of figure cut.	30	Injury to fingure.	Safety hand gloves provided	-	2	2 2	2	4 M	1	-	-	-	-	-	-	-	√					_
-		Component assembly as per drawing.	Assemble component by using child part	R	NIL .		NIL			- -	-	-		-	-	-	-	-	-	-	-	-					
		BOP pressing as per drawing.	Use of Hydrualic pressing machine	R	Figures may cought in between pressing cylinder and component	31	Injury to fingure.	Two hand switch button provided for clamping.		- 1	1	1	1	L	-	-	-	V	-	-	-	-		` `	,		
Co	omponent assembly		Use of pneaumatic gun for part fittment.	R	NIL	-	NIL	-		-	-	-	-	-	-	-	-	-	-	-	-	-					
		assembly	Material removed from box and poly bags	R	NIL		NIL	-		-	-	-	-	-	-	-	-	-	-	-	-	-					_
1.	- (*) * (*)		Fixture loading and unloading machine.	NR	Fixture may fall.	32	, Injury to leg or hand	d Fixture lifting trolley provided	ed	-	1	1	1	L	-	-	-	√	/ -	-	. -	. -					1
Machi	ining	Machine depoins	Machine cleaning in internal external side.	NR	Operator may fall at working place.	33	Injury to body	Safety shoes provided to avo	void	-	2	2	4	м	-	-	1-	-	. .			- 1	,				
			Tool replacement.	R	Operators fingure may cut.	34	4 Injury to fingure.	Safety shoes provided to ave	void	-	2	2	4	м	-	-	1.	. -				- 🗸	, ,				
		R	Routine		P	1	Probability			RISI	K LEVE	/EL	L	Low	-	н	+	+		Hi	igh		+				
-		NR	Non-routine		С	1	Consequences							1ediur		E			E	Emer		cy	+				_
				Rati				Severity of Risk											Ab		Ī		Descripti	on		Input For	r
				ng		137	Injury	Ill Health	and it	12 603	AND	37		MATE	RIX	1			_	Elimin	natio	-	-		4.	МР	-
l v			. :	1	UNLIKELY		njury not calling for any first id treatment	Illness having momentary discomfort				3 3/ M		in the same	成市		_	_	Substi				:		МР		
		2 L	•	2	TIKELY ,		njury calling for first aid reatment	Illness due to acute exposure or hospitalisation for more than 48 hrs.				Ri	is	L 4/M	AND DESCRIPTIONS OF THE PERSON NAMED IN COLUMN 1	1	-	+	EC I	Èngin	neeri	ng Cor	ntrol			MP '	
				3	VERY LIKELY	In	njury leading to temporary ermanent disability	/ Illness due to chronic exposure					1 1/	L 2/L	1 / 1	ROPO	+	-	-	_				Controls		ОСР	
			POO - Prr	obability	of Occurrence							+	145	1 200	CO. STORY	1250	+	1			arnings/Signage/Admin Controls ersonal Protective Equipments			ОСР	_		
													•	Dea	3	3			P	Perso	onai	Protec	tive Equip.	Hemo			

SABLE ENTERPRISES

PROPRIETOR

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Hazard Identification, Risk Assessment And Risk Control Resister (HIRA)

Main Activity					Machins Shop									_	_					Additional Controls	1-1469-81
· · · · · · · · · · · · · · · · · · ·	Activities	Sub-Activities		ž.		2 113			₫	900	Ę .	9 9		é	ż			_			
ponent Material				m ,Hazard		Risk	Present control	Legal	Probabi	Consequence	Resultant	× 3		Priority	Objective		_	_	_	Operational Control	200
dling	Material handling from machine to machine in o	Material shifting from raw casting area	+		,				à	Ö	œ	ž !	5	č	8	E S	EC	w	P	OCP No	MP No
		cell. to cell, by using trolley.	3	R Component may fall on leg.	0:	Injury to leg.	Safety shoes provided	-	2	2	4	ч -		-	- -	- -	-	-	1		
		Uplift the component from trolley for machine.		R While uplifting the material componer may fall on leg.	nt 02	Injury to leg.	Safety shoes provided	-	2	2	4	м		-	-		-	-	,	/	
				While uplifting the component operator has to bend.	03	Back pain.	Lower row of trolley should not bellow 1.5 ft.	-	2	2	4	L		-	-		-	-			- 10
	Machining operation 10.	Component loading on fixture and cycle start for machining.		While component loading on fixture fingure press in clamp.	04	Injury to fingure.	Two hand switch button	-	1	1	1	L		-	-	v -	1.	-	T		
	4	Machining cycle		R During facing operation chips may fly towards operator	05	Injury to eyes and face.	provided for clamping. Machine cycle interlocked with	_	1	-	,		+	-	_	v -			+	-	
		Unloading of component and keeping on operating tray		R While unload the component may be chances of figure cut.	06	Injury to fingure.	door closing. Safety hand gloves provided		2	-	4	M	+				t	$^{+}$	+	4	
		Uplift the component from operating tray and load on fixture.		While uplifting the material componen may fall on leg.		Injury to leg.	Safety shoes provided	-	-		+	-	+	-		-	+	+	+	,	
	Machining operation 20.	Clamping of component.	Η,	While component loading on fixture		Injury to fingure.	Two hand switch button		2	-	+	М	-	-	-			+	+	V	
	rocalling operation 20.	Machining cycle	١,	fingure press in clamp. During facing operation chips may fly	+	T-1	provided for clamping.	·	1	1	1	L	_	-	-	√ .	1	1	4	-	
		Unloading of component and keeping		While unload the component may be	09	face.	Machine cycle interlocked with door closing.	-	1	1	1	L	-	-	-	√ .		1	-	-	
		on operating tray Uplift the component from operating		chances of figure cut. While uplifting the material component		Injury to fingure.	Safety hand gloves provided	-	2	2	4	М	-	-	-	-	- -	-	-	✓	
	- 4	tray and load on fixture.	R	may fall on leg.	11	Injury to leg.	Safety shoes provided	-	2	2	4	М	-	-	-	-	-	-	-	✓	
nent machining.	Machining operation 30.	Clamping of component.	R	While component loading on fixture fingure press in clamp.	12	Injury to fingure.	Two hand switch button provided for clamping.	-	1	1	1	L	-	-	-	√	-	-	-	-	
		Machining cycle	-	Chips fly towards operator	13	Injury to eyes and face.	Machine cycle interlocked with door closing.		1	1	1	L	-	-	-	√	-		-		
	- 10	Unloading of component and keeping on operating tray	R	While unload the component may be chances of figure cut.	14	Injury to fingure.	Safety hand gloves provided	-	2	2	4	м			_	1	+	+	+	.,	
		Uplift the component from operating tray and load on fixture.	R	While uplifting the material component may fall on leg.	15	Injury to leg.	Safety shoes provided		2	2	4	M			-	+	+	+	-	•	10/20
	Machining operation 40.	Clamping of component.	R	While component loading on fixture fingure press in clamp.	16	Injury to fingure.	Safety hand gloves provided	_	2	H	+		-		-	+	-	-	-	V	
		Machining cycle	R	Chips fly towards operator	17	Injury to eyes and face,	Machine cycle Interlocked with		-		+	М	• G.	-	-	-	-	-	-	✓	
		Unloading of component and keeping on operating tray	R	While unload the component may be		Injury to fingure.	door closing. Safety hand gloves provided	Ė	1	1	1	L	•	-	-	V	-	-	-	-	
1		Uplift the component from operating tray and load on fixture.		chances of figure cut. While uplifting the material component		Injury to leg.			2	2	4	M	-	-	-	-	-	-	-	V	y . •
M	fachining operation 50.	Clamping of component.		may fall on leg. While component loading on fixture			Safety shoes provided	-	2	2	4	М		-		-	-	-	-	V	
		Unloading of component and keeping		fingure press in clamp.		Injury to fingure.	Safety hand gloves provided		2	2	4	М		-	-	-	-	-	-	√	
		on operating tray Uplift the component from operating	c	chances of figure cut.	21	Injury to fingure.	Safety hand gloves provided	-	2	2	4	M	-	-		-		-	-	V	
	t	ray and load on fixture.	n		22	Injury to leg.	Safety shoes provided	-	2	2	4	М	-	-		-				V	
Mad		lamping of component.	R fi	While component loading on fixture ngure press in clamp.	23	Injury to fingure.	Safety hand gloves provided		2	2	4	М		-	- 5			-			
		nloading of component and keeping operating tray	RW	Thile unload the component may be nances of figure cut.	24	Injury to fingure.	Safety hand gloves provided										4	1		٧	

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