	T		The state of the s	ment for Erection of Cra		er			
	DATE: 21.11.2022		GAYATRI	AUTOMATION SYSTEMS P	VT.LTD.		SI	PL INCHARGE	
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	Job/Activity Detail Location:	HIR RELIGION COLOR	INSTALLATIO	N & COMMISSIONING OF UNDER S	LUNG CRAN	NE			
	Shop / Work Location:-				_				
Sr.No.	Hazard / Fall hazard / Hot Work Hazard	Who Affected Material / Person	Risk	Existing Control Measures	Risk Rating	Revised / Addit	tional Control Measures	Risk rating	Responsibility
	THE RESIDENCE THE PROPERTY OF			HAZARD REALTED TO HYDRAULIC CRANE		EU SAU CAN LIGHT LEADING BEN PER			Site Incharge
1	Hydraulic Crane - 12 Ton capacity Hovement inside Installation area	Structural building / person in barricaded area / Material handling equipments.	collision with moving equipmets at site / Structural Building / Overturn of loading Vehcile		5	Material handling activity in the close supervision.  Adherence to crane hand signals & traffic management plan		2	Site Incharge
						Only authorised person will signal  No person should be allowed in the barricaded area except the authorised one.			
									Site Incharge
		Structural building / person in	Crane Component / Boom lift / Hydraulic	Check list wise checking of crane/ Form 10 /		Stand by person to ensure no other person allowed near by area.			Site Incharge
2	Structural Failure	barricaded area / Material handling equipments.	rams / Wire rope failure / Operator protection.	Metallic Sling verification / Boom lifting capacity chart at 15 mbr Height	8	Speed Limit 05 KHPH / Tag Line used to guide Operator and to maintaine balance.		2	Site Incharge
3	Hydraulic Crane Over Turning	Structural building / person in barricaded area / Material handling equipments.	Poor Ground conditions / failure to use or fully extend outriggers or stabilisers / failure to use appropriate outrigger pads / rapid slewing / high wind conditions.	Adequately strengton wooden blocks is to be used	4	Safety incharge will check all wooden pieces sizes thoroughly & then only will allow to use / crane load hook will be removed only after proper balance resting of Crane Girder on Wooden blocks.  Load chart of the crane is to be strictly followed.		ı	Site Incharge
á	Macing of Wooden blocks for resting Crane Girder at Site	Person working inside installation area	Breaking of Wooden block while resting girder / Eye Injury / pinch injury	Wooden block / Pieces should be of Approplate strength & size to carry load of Crane Girder / Proper Height should be maintained through out girder length to avoid imbalance of Girder after removing Crane load hook.	6	Good quality wooden blocks of Proper size only to be used / Confirm the weight of the load before lifting.  All the cocerned persons should be trained for safe material handling practice.  Adherence to usage of PPEs.		1	Site Incharge
5	Shifting of unused material / waste inside installation area for clear movement of Hydraulic crane	Person working inside installation area	Collision with Other moving equipments at site / Structural Budding / Accident with workers wolking inside instalation area	Acherence to signal systems. Acherence to traffic management plan. Usage of Tag Une for safe material handling.	6	Proper capacity Sing / Nylon belt only to be used / Crane Riggers to be fixed properly to avoid imbalance of Load as well as crane.  Trained persons for safe material handling Adherence to usage of PPEs.  Communication with concerned agencies in Daily Coordination Meeting.		3	Site Incharge
				HEIGHT WORK RISK / FALL HAZARD		Art to the creation of the control of		SERVICE WITH UNITY	
1	Person falling from height	Person working on height / Man power standing in barrication area.	Fall from Height gantry structure / Falling on Moving equipments	Ensure double life line on standing platform / JLG / Boom lift must be near working area	•	work on site / JLG equipments with drive person in case of any accident / Life line si	fety belt with double rope must only be allowed to ar must be present on site for immediate rescue of hould be of proper strength & size to hold weight of or working height. the person is to be ensured.	,	Site Incharge
2	Object falling from height / Slipping of Tools while working	Person working on height / Man Lifter standing in barrication area.	Serious injury in case object fall, head / Eye sight may get affected	Tie all working tools & tackles with rope while working / No person movement inside barrication area	6	Working Area complete barrication / Tie rope should be of proper strength / No person movement inside wokring area.  Training on the safe driving of Man Litter.		1	. Site Incharge
3	Collapse of structure	Person working on height / Man Lifter standing in barrication area.	Walking Platform / chuckle plate not there / Hand rail break	No person on Girder gantry while resting crane girder on Compound rail	9	Visual checking of working platform before starting work on height / Ensure complete strength of Platform / Tightering of all Bolt & Nuts of Gantry girder / Chuckle plate / Check proper welding of Guard hand rail.		2	Site Incharge
•	Unsafe ground conditions	Person working near installation area	Person falling inside PTT / Hydraulic crane collision with Other material handling equipment .	Signal men for Hydraulic crane movement / Ensure complete barrication near PIT area / Barrication tape should be Visibile to All	6	Signal Hen near PIT area while Hydraulic crans movement / No Movement of Crans will be allowed near Column / Remove all standing equipments if they are not in working condition. Adherence to usage of PPEs.		3	Site Incharge
5	Poor lighting conditions	Person working in installation area	Collision with other working equipments	Proper lightening in working area	6	No Major height work will be planned in hight time. If any work is there we will Communicate to concerned agencies in Daily Coordination Meeting.		3	Site Incharge
5	Ulting of Orane Girder	Person working inside installation area, Person Working at Height	Improper fixing of Slings across Girder / Failure of fitting nyton belt / failure of crane hook block/ Slipping of Load from hook , Collision of Crane girder with structural building	Proper Size & capacity of Mylon belt must be used to lift Crans Girder / 3rd Party certificationnor FORM 10 need to aubmitted well in advance before starting work activity at sits / Crans bottom hook safety latch must be checked / Proper barrication of area to avoid collision. For mobile crane riggers support purpose we will use wooden blocks	arty certificationor de direction of the		.tomation	Systemon P. L.	
		Person working inside installation area, Person Working at Height	Sudden break of Wooden Blocks / Imbalancing of Crane Girder during unloading / resting / Hit to workers inside barrication.	Placing of CR rail to Carry Load of Girder / Complete Area barrication & no workers movement.	6	Complete Photo Images of Wooden block at time of resting Crane Girdor Characteria Son Is more place extra Wooden blocks. FOR Training on the materil stacking is to be imparted.		1	warised sing
134413460	CONTROL DE LOS CONTROL DE LA C	The state of the s	The production of the same	HOT WORK RISK HAZARD	EXCLUSIVE.	Karamata transmiss	or leading of the control of the con	N.X. X. X. X. X.	athor
	PA COLOR DE LA COL	Person working inside installation area, C Person Working at Height	Chances of fire if contacted with Flamable Material / Serious burning injury.	All flammable and combustible materials within a 35-foot radius of hot work must be removed / Floor and surfaces within 35 Foot radius of hot work must be deaned	6	Alternative method other than welding must be used / All flammable & combustible material must be removed from sits / Not work must be performed in designated area only / Fire extinguishers is communication device must be there at sits.  Training on the usage of the fire extinguishers is to be imparted.  Adherence to usage of FPEs.  Hot Work Process Confirmation is to be done prior to commence the said activity.		3	Site Incharge
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