

JOB SAFETY ANALYSIS FORM

Main Activity:		Crane assembling /Dismantling		Plant & Location:	
Date:					
Sr. No.	Sub Activities List the tasks required to perform the activity in the sequence they are carried out	Hazards (Both Existing as well as potential) Against each task list the Hazards that could cause injury/damage to people, equipment or the environment.	Control Measures List the control measures required to eliminate or minimize the risk of injury arising from the identified Hazard.		
1.	Preparatory work for crawler crane assembling/Dismantling	Hindrance to traffic / Personal Injury	1. Barricade the crane assembly area. 2. All persons shall be used mandatory PPEs. 3. No unauthorized person shall be allowed in area.		
2.	Selection of boom/ Jib, counter weight and other accessories as required from yard.	Personal Injury / Insect bite	1. Only authorised person select the right assessories. 2. Ensure all the riggers and helpers use proper PPE including high visibility vest & suitable hand gloves. 3. Before start the job by using wood / metal stick make some noise to keep away insects. 4. Ensure good house keeping in area.		
3.	Loading of boom/jib, counter weight and other accessories on trailer (s) by using support Crane.	Personal Injury , Toppling of crane, Fall of material, hit the nearby accessories, Fire	1. Only authorized operators, who having valid SDP, are allowed to operate the crane. 2. Before start the job, ensure that ' Crane RA check list' is filled. 3. All related documents shall be available in a file along with crane like, Driver Medical fitness, HMTV Licence, Form 10 etc.		

			4. Ensure crane is parked at firm and levelled ground condition. 5. All lifting tools and tackles are tested and certified by third party competent person. 6. Before using the lifting tools and tackles physical inspection shall be done by riggers. 7. Ensure fixation of Spark arrestor at the exhaust of Crane (if required). 8. Fire extinguisher shall be available with crane. 9. Driver shall be parked the trailer at designated place.
4.	Distractions/ Interruptions , Change, Personality conflicts	Personal Injury & Property Damage	1. Proper planning shall be done. 2. STA & Tool Box Talk shall be conduct before start the job. 3. Other distractions in surrounding area shall be covered in STA. 4. Proper supervision shall be ensured. 5. Supervisor shall be communicated to updated procedures. 6. Supervisor and operator shall be familiar with the upcoming technology and procedure. 7. Each person shall be cleared about his roles & responsibilities.
	Tool Box Talk	Poor Understanding	1. Tool box talk shall be conducted in local and Hindi language. 2. Ask the cross question during tool box talk to check the understanding.



JOB SAFETY ANALYSIS FORM

Note.....

.....

.....

.....

Name & Sig.	
Prepared By	
Approved By	