ANNEXURE # 1

JOB SAFETY ANALYSIS (JSA)										
			FORMAT NO	D: ER 5/10–	· F2.					
Department	Equipment	Job descrip	tion: Excavation and			JSA Serial No				
Ash pond	Ash pond		ion of Ash From Ash P	onc						
Company	Orissa Por	wer Generation C	Corporation							
Location	Ash Pond.IB-Thermal Power Station	Period of work		Reviewed By: G.P. Mishra Senior Engineer (Civil)		Signature				
Analysis By	Name : A.K.Panda	Designation: Dy. Manager	Signature :	Reccommended By(S.O):		Signature				
Name of associated OPGC:Mr.A.K.F persons		Panda Contractor:Mr		Approved By(Factory Manager):		Signature				
PPE Required			ask, safety glass		:	Signature				
Tools Required	Sprade, crowbar, hosepipe etc).		Date of Rev :						
SEQUENCE OF BASIC STEPS		IDENTIFIED SAFETY, HEALTH & ENVIROMENT HAZARDS		RECOMMENDED SAFE JOB STEPS AND CONTROL PROCEDURE						
1. Excavation of ash/earth & loading into vehicle.		1.Blowing of ash. Inhalation of ash.		1. Sprinkling of water & use of dust mask by workmen.						
(Excavation of ash shall be done from Ash pond and shifted to Road construction site by contractor.)		2.Air pollution due to fugitive emission. 3.Tilting of excavator. Injury to workmen.		2. Excavation to be done carefully. Rigidity of area soil near excavator post to be ensured.						
 Transportation of ash to site by Vehicles and unloading the same. Reversing the Vehicle on the narrowdyke. 				1. Loading to be done carefully. No person will be allowed to stay within the swing area of boom of excavator. Vehicles will be fixed with back gear alarms.						
		2.Tilting of vehicle as the road is narrow at places.		2. Adequte Supervison to be made.						
		3.Road accident		3.All vehicles will have valid documents like R.C.Book, Insurance, Fitness certificate etc.						
		4.Blowing of dust due to movement of vehicle.		4. The driver will have valid driving licence and shall not drive in alcholic condition.						
				5.The vehicle should lmit the speed to 10 KM/Hr on the dyke.						
				6.The driver must be accompanied with an assistant/helper.						
		5.Blockage of ro	oad.	7.Sprinkling of water over the road is to be ensured.						
				8.Vehicle should not to be parked on the road.						
				9. The braking system should be perfect.						

			JOB SAFET FORMAT N	NO: ER 5/10-	· · ·					
Department						JSA Serial No				
Ash pond	Ash pond	Transportation	Pone	oni						
		(P/2)							
SEQUENCE OF BASIC STEPS		IDENTIFIED SAFETY, HEALTH & ENVIROMENT HAZARDS			RECOMMENDED SAFE JOB STEPS AND CONTROL PROCEDURE					
			10.Tyre in good condition.							
				 11. While parking the vehicle for loading/unloading, stoppers should be provide on both front & rear wheel 12. Safety triangle is to be fitted on the front side of vehicle for distinct visibility. 						
				13. The dala of the vehicle should be in good conditon and there should not						
				any holes/ cracks/looseness in the body of the dala through which ash will con						
				out & fall on the road.						
				14. The ash should be covered with tarpoline/polythene while tra				oolythene while transporting.		
		15.The vehiles		niles should	s should move on specific route as approved by Enggin-charge					
					16.Drivers eye test to be carried out.					
4.Maintenanc	e of vehicles.	1.Oil spillage/ leakage.		1.Defect is to be attended as early as possible.						
				2.Spillage of oil is to be contained & cleaned.						
5. Review the	job while execution	 Identify while 	e working	1. Take ap	propriate a	ction.				
should be intir	mated to the workmen.	This should be dis	cussed with all. A re	sponsible pe	rson should	l be present	throughout f	257 and Hospital 600,222243 the working hours for supervision n or without safety PPEs in the		
	Consider hazard during									