Serial No.	Department	Equipment	Location: Colony	Job description: AMC for Horticulture Maintenance in ITPS Colony 2024-25					
	Facility Mgnt		ITPS Colony						
JSA performed by:	Signature	Reviewed & Approved by	Signature	Date of Issue		Date of revision		Revision No-	
			HAZARD TE	XT/TYPE (For re	ference to identify the H	lazard type)			
PHYSICAL HAZARDS	PHYSICAL HAZARDS	PHYSICAL HAZARDS	ELECTRICAL HAZARDS	CHEMICAL/ GAS HAZARDS	EXCAVATION		OTHERS		
Noise	Fall from height	Force (Push/Pull)	Shock/ Electrocution	Flammable/ Explosive substances	Collapse/Sliding		Fire		
Radiation	Fall (Slip/Trip)	Caught in/on or between	Static electricity	Inhalation of toxic fumes	Underground live cable damage		Heavy Wind/Rain		
Confined space	Fall down/below	Struck by/against	Arcflash/ blast	Ingestion/Abso rption	ERGONOMICS		Dust exposure		
Exposure to pressurised Steam/Air	Fall of Objects from height	Extreme weather (Hot/Cold)	BIOLOGICAL HAZARDS	Body/Eye Contact	Poor Posture		Oil spill		
Contact with Hot surface	Contact with moving parts	Poor illumination	Snake/Insect bite/Virus infection	Spillage	Repeatative motion		Human factor		
PPEs to be used	Safety Shoes,	Safety Helmet, Ha	and Gloves, Dust Mask, safe	ty goggles, gum	boots and safety reflective	ve jacket.			
Tools required	Spades, shove	es, pick axes, axes,	lawn mower, grass/bush c	utting machine.					
Important Note- While d	eciding hazard c	ontrol measures,	consider hierarchy of hazar	d control steps in	order of preference.				
					SAFE JOB	STEPS / HAZARD CONTROL MEASURES			
SEQUENCE OF BASIC STEPS		SAFETY, HEALTH & ENVIROMENT HAZARDS		Elimination/ Substitution	Engineering	Administrative	PPE	Are control Measu adequate to mitiga the risk (Yes/No	
		Contact with electrical cables, water pipelines. Electrocution		Take excavation permit before any sort of excavation		Do work in the designated garden areas only. Do not touch or attempt to disconnect any electrical cables and water pipelines on its own.	Safety shoes, safety helmet, hand gloves, dust mask, reflective jacket and safety goggles.	Yes	
0.0		parts.		Do not remove any guards from the machine.	Use electrical insulated handgloves while operating the lawn mower	Take electrical connection from the designated source only. When connection is required at the other points take connection by the authorised electrician only.	1107-50-11-50-1-4-15-1-0-15-1-0-1	Yes	

		SAFE JOB STEPS / HAZARD CONTROL MEASURES				
SEQUENCE OF BASIC STEPS	SAFETY, HEALTH & ENVIROMENT HAZARDS	Elimination/ Substitution	Engineering	Administrative	PPE	Are control Measures adequate to mitigate the risk (Yes/No)
Tree Trimming Activites.	Fall from height.	Do not trim trees untill permission for the same is accorded by authorised person.	Use manlift machine where access to the machine can be provided.	Take separate work permit and prepare separate JSA before tree trimming activites. Cordon off the whole area and deploy persons for diverting the man and machines away from the site. Ensure that the area is clear and may not cause damage to the exisiting structures or building.	Safety shoes, safety helmet, hand gloves, dust mask, reflective jacket and safety goggles, full body harness.	Yes
Application of pesticides, chemicals and other fertilisers.	Contact of chemicals with skin, body ,eyes etc.			Wash body and hands thoroughly with water after using or woking with chemicals. If irritation persists thrn seek medical help.	Safety shoes, safety helmet, hand gloves, dust mask, reflective jacket and safety goggles, full body harness.	Yes
Transportation of debris, wild grass and sludge, soil manure etc	Snake bite, fall from the tractor trolley.			Search the area thoroughly prior to loading and unloading for any snakes, reptiles etc. No persons should sit on the trolley of the tractor or overload in the trolley. The driver should posess a valid driving license and be experienced.	Safety shoes, safety helmet, hand gloves, dust mask, reflective jacket and safety goggles, full body harness.	Yes
Cutting of grass using petrol operated grass/ bush cutter machine.	Snake bite, hit with flying object.		Do not remove any guards from the machine.	Search the area thoroughly for any hidden snakes and reptiles. Do not smoke or do any hot work near the grass cutting machine. Inspect the area thoroughly for any loose materials such as glass pieces, small stones and debris and clear them prior to operating the machine.	Use of gum boots, safety goggles and full face helmet.	
Spreading of soil, manure, fertilisers.	Fall of foreign materials into eyes and contact with chemicals, skin irritation.			Use proper hand gloves and usage of goggles.	Hand gloves	
Emergency Safety Measures (Rescue / Fire Brigade etc):		Emergency Cor	ntacts-Main Control Roc	om- 222, 233,244, Fire- 777, 222257, Ambulanc	e- 248/337, Hospital-	566
Overal Job Risk Category- High/Medium/Low) : ISA Review during PJB:	нібн					
Pre Job Briefing (PJB) is applicable to all p	persons involved with the task.					
	: I undertake that the JSA is communicated to	me effectively				
Name Agency's name				Signature		