

## HSE RISK ASSESSMENT

**COMPANY NAME**

**TASK TITLE:** Painting & Coating

**Date:**

**Activity:** Painting & Coating on Spools

**Location:**

**Description: Painting & Coating of Sheets/Spools/Supports**

**[Day+Night]**

S / N o .	HAZARD	HAZARD EFFECT	RISK EVALUATION (Refer to Evaluation form)			CONTROLS	ACTION TO BE TAKEN		RESIDUAL RISK			A L A R P Y/ N
			S	P	R		DESCRIBE ACTION	MANPOWER	S	P	R	
1.	Vapor Inhalation	Dizziness lungs effected Suffocation	G	8	9	1. Personal other than specific job restricted. 2.Tool Box talk to be conducted prior to start of activity 3. MSDS available on site and clearly understood.	1. MSDS shall be provided for epoxy and their contents. 2. Concerned workforce to wear respiratory or dust mask 3. Drinking/eating in coating area is prohibited. 4. Use of cartridge Mask mandatory. 5. Ventilation plan cleared to person prior start of job.	Certified Painter Safety Supervisor	G	2	3	Yes
2.	Thinner/Paint Contact with body, Eye, Skin	Injury	G	8	9	1. Use Rubber gloves Separation Storage 2. Tool Box Briefing to be conducted before starting activity. 3. Immediate rinsing in area.	1. Use of suitable Gloves mandatory. 2. In case of skin contact, rinse affected areas with clean water and wash gently with soap. 3. Eye protection, appropriate safety goggles. 4. Follow the instruction as mentioned in the MSDS.	Painting Sup(SPA) Safety Watch	G	2	3	Yes
3.	Fire	Serious Injury	E	6	9	1. Area prohibited near Hot Work activity area. 2. Epoxy storage not onsite work location.	1. Fire extinguisher available in painting area. 2. Fire watch deputed in area of job. 3. Housekeeping before and after job.	Painting Sup(SPA) Safety /Fire Watch	E	2	5	Yes
4.	Falling object/Fall from height	1. Personal injury 2. Asset loss	F	7	9	1. PPE's 2. Proper storage of tools 3. Proper material handling 4. Install toe Boards	1. All the workforce required to use mandatory PPE's 2. Barricade the area where erection of scaffolding is in progress 3. Restrict the unauthorized entry	SPA: Painting Supervisor Safety Watchman,	F	2	4	Yes

						4. Proper railing system should be erected to prevent the falling of personnel. 5. All the material should be bring.  up/down with sack and rope 6. Don't drop or throw materials from height.						
5.	Darkness	Personal Injury	E	6	9	1. Provide adequate LUX level 2. Restricted to go in other plant area in darkness 3. Use of Proper PPEs 4. Any abnormality seen during night shift is to be communicated to UEP site Representative immediately.	1. Working area cleared from obstructions and visible with proper lighting 2. Unnecessary sitting is prohibited in dark on ground 3. Use proper rest shelter provided 4. Nobody is allowed to kill the snakes or any dangerous insect only assigned person (security) will tackle. 5. Avoid collecting things from dark spots because of hidden snakes.	(SPA), Painting Supervisor, Safety Watch	E	2	5	Yes
6.	Biological Hazards (Snakes, Bees, wasps, mosquitoes & Other insects)	Bite of insect and snake may lead fatal. (malaria, Dengue, Skin allergy)	E	6	9	1. Snake bite Kit. 2. GCM/TBT 3. Snake sighting protocols 4. Insect repellents 5. Emergency vehicle with alert driver	1. Don't handle snake yourself, call security person 2. Apply insect repellents 3. Don't put hand where you cannot see 4. Avoid working alone 5. Avoid working in poor light areas	Painting Supervisor, Safety Watch	E	2	4	Yes

**GENERAL COMMENTS:**

1. TBT will be conducted prior to start.
2. Unauthorized person are not allowed in work premises.
3. Safety watch man does his designated job.
4. Proper PPE is a must for sand blasting and painting crew.
5. Stand by vehicle with driver must be present at the site in case of emergency.
6. First Aid Box must be in place near the activity.
7. Housekeeping of the area must be done on prior basis.

(Project Manager) (Sand Blasting ) HITRA ( HSE Engineer)		<p>RISK ASSISMENT APPROVAL</p> <p>I'm satisfied that the safeguard put in place will reduce the level of Risk to an acceptable level and the Task/Action is permitted to proceed.</p> <p><b>Reviewed by:</b> _____</p> <p>Date: _____ Time: _____</p>
S = Severity; P = Probability, R = Risk		<p><b><u>Authorizing</u></b></p> <p>Signatory: _____ DATE: _____</p>