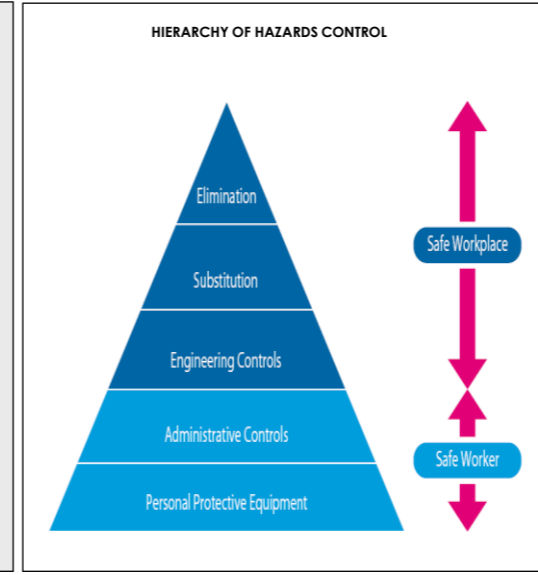
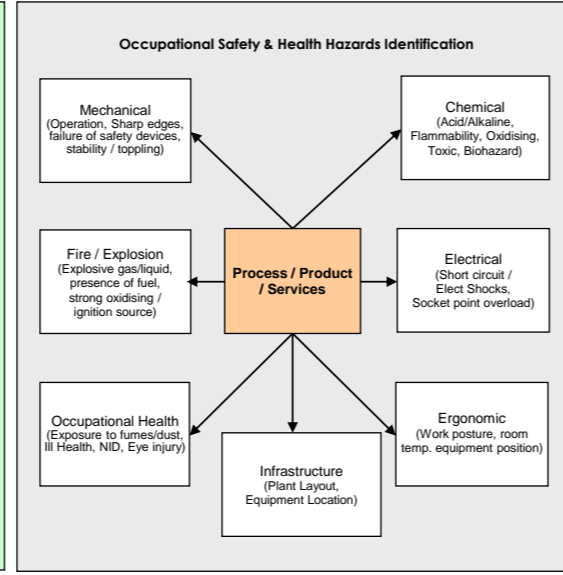
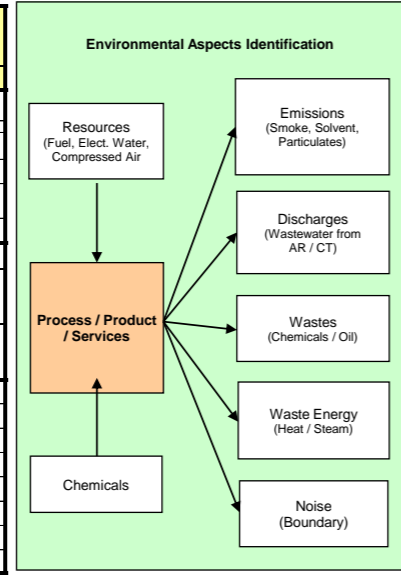


**JOB SAFETY & ASPECT ANALYSIS & REGISTER OF SIGNIFICANT ASPECTS / HAZARDS**

DEPT:	<b>Testing and Inspection</b>		
Date Prepared:	18-Apr-19	Rev #:	0
Change Details :			
Prepared By			
Reviewed By (Name & Sign)			
Approved By (Name & Sign)			
<b>LEGEND</b>			
Routine	- Routine operations of the plant, preventive maintenance, etc.		
Non Routine	- Operations like major breakdown, overhaul or any emergency situation/action		
Normal	- Daily / routine fns whereby processes/activities working in intended manners		
Abnormal	- Minor fine imposed by authorities, near miss, severe env changes, or disruption to machinery, breakdown and repair activities.		
Emergency	- Accidents resulting in death/serious injury, damage to property & environment resulting in shutdown of all activities		



Risk Evaluation Matrix		Impact (consequences)			
		Minor	Moderate	Major	Extreme
Probability (likelihood)	Rare	Low 2	Low 3	Low 4	Medium 5
	Unlikely	Low 4	Medium 6	Medium 8	Medium 10
	Moderate	Medium 6	Medium 9	Medium 12	High 15
	Likely	Medium 8	Medium 12	High 16	High 20
	Very Likely	Medium 10	High 15	High 20	High 25

Process: Visual Inspection of Lifting Equipment Date Prepared: 18-Apr-19 Rev #: 0

S/N	Activities / Product / Services		Activity		Environmental Aspect/ Occupational Safety & Health Hazard	Condition			Control Measures	Consequences (Environment Impact / Risk)	Risk & Significance Assessm't						Applicable Documents	Applicable Legal & Other Requirements	Responsible Position
	Activities	Sub-activities	Routine	Non Routine		Normal	Abnormal	Emergency			Severity	Likelihood	Risk Level	Sig Assessm't	E / H & S	Legal Req'ts			
			R	NR															
1.00	Toolbox talk (site preparation) Tools preparation		R		Miscommunication Manual handling	N			• Make sure all personnel understand the job • Use load carrier • Pick load by 2 persons • Using proper PPE	Information not clear Back pain	2	1	2	NS	S	Y	ISP-SOP-QC-07 Communication, Consultation and Partisipation		Supervisor TSI / Inspector
2.00	Clean the lifting gear		R		Chemical Manual handling	N			• Use additional help from other worker • Good ventilation • Use proper PPE	Eye irritation Back pain	2	1	2	NS	H&S	Y	ISP-SOP-TSI-01 Testing and Inspection Procedure	Permenaker No 05 Tahun 1995 tentang pesawat angkat & angkut. Permenaker No 09 tentang operator dan petugas pesawat angkat & angkut.	TSI personnel
3.00	Visual check for indication, function check and dimensional check.		R		Equipment failure Low light Obstructed vision Manual handling	N			• Ensure the equipment properly calibrated • Use proper PPE	Wrong indication Back pain	2	2	4	NS	S	Y	ISP-SOP-TSI-01 Testing and Inspection Procedure	Permenaker No 05 Tahun 1995 tentang pesawat angkat & angkut. Permenaker No 09 tentang operator dan petugas pesawat angkat & angkut.	TSI personnel
4.00	Color code and repainting test material (if necessary)			NR	Chemical Manual handling	N			• Use additional help from other worker • Remove ignition source • Good ventilation	Eye irritation Skin irritation Chemical vapor inhaled Back pain	2	1	2	NS	H&S	Y	ISP-SOP-TSI-01 Testing and Inspection Procedure	Permenaker No 05 Tahun 1995 tentang pesawat angkat & angkut. Permenaker No 09 tentang operator dan petugas pesawat angkat & angkut.	TSI personnel
5.00	Disposal / clean paint after job done		R		• Exposure of paint vapor • Disposal of used paint	N			• Good ventilation • Use safe manual handling techniques. • Use proper PPE • Clean paint use thinner • Disposal waste paint to Hazardous waste storage	• Land / water pollution • Respiratory discomfort	2	2	4	NS	E & H	Y	ISP-SOP-HSE-16 Environmental control and monitoring procedure	UU No. 32 Tahun 2009	TSI personnel
6.00	Housekeeping		R		• Manual Handling	N			• Use load carrier • Pick load by 2 persons • Use proper PPE • Dispose chemical into temporary hazardous material storage	Back pain	2	1	2	NS	E&H	Y	ISP-SOP-HSE-06 Inhouse Safety Rules & Regulations		All personnel