# Workplace Safety Risks Management

Significant Risk	Programs	Target
Insufficient execution of Safety Framework and Standard	Enhance execution of SCG Safety Framework and Safety Standards in both Thailand and Abroad.	100% Plant/company implemented SCG Safety Framework     and submit SPAP Self-declaration within 2022
Insufficient safety standard for high risk jobs	Improve Safe Work Operation for high-risk jobs and Industrial Hygiene such as  1. Chemical management  2. Industrial Hygiene Monitoring, etc.	<ul> <li>Improve safety standard within 2022</li> <li>100% SCG own operations implement safety standard</li> </ul>
Insufficient contractor safety management (for operations contractor and service solutions contractor)	<ol> <li>Conduct contractor safety management audit to certified operations contractor</li> <li>Develop contractor safety management for service solutions standard</li> </ol>	<ul> <li>100% of operation contractors certified under contractor safety management</li> <li>Develop safety management standard for service solutions within 2022</li> <li>100% implement SCG service solutions standard</li> </ul>



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Significant Risk	Programs	Target
	<ul> <li>Communicate to raise safety</li> </ul>	<ul> <li>100% communication including new comers of</li> </ul>
Life Saving Rules (LSRs)	awareness and understanding.	employee and contractor.
violation		
	<ul> <li>LSRs violation monitoring.</li> </ul>	<ul> <li>100% report and investigate LSRs violation found.</li> </ul>



### Safety management for service solutions

1.Job Planning, Scope Of Work, Risk assessment, Safety requirement

2.Vendor

selection and

contract

System PDCA



5.Job hand-over & evaluation, Contractor

assessment, review approved contractor list



4.Job execution, Preparing work-site, Set Safety Program with Existing Practice, Daily report



Kick-off Project, Safety Training







#### Contractor safety management for service solutions

and review the work

scope, requirements, fine/ penalty fee, and

contractor safety

management to be

used in bidding or

establish a contract

acknowledging a

2.3 Select and

proposal.

document.

training.

safety.

3.4 Perform an on-site

preparation of on-site

3.5 Prepare machines,

equipment, and tools.

emergency-response drilling and training.

the results of the

3.6 Prepare and review

survey to have an

inspection and

The standard consists of three management components: 1) Qualification, 2) Operation, and 3) Quality Assessment.

There are 5 steps with detail as follows.

environmental and

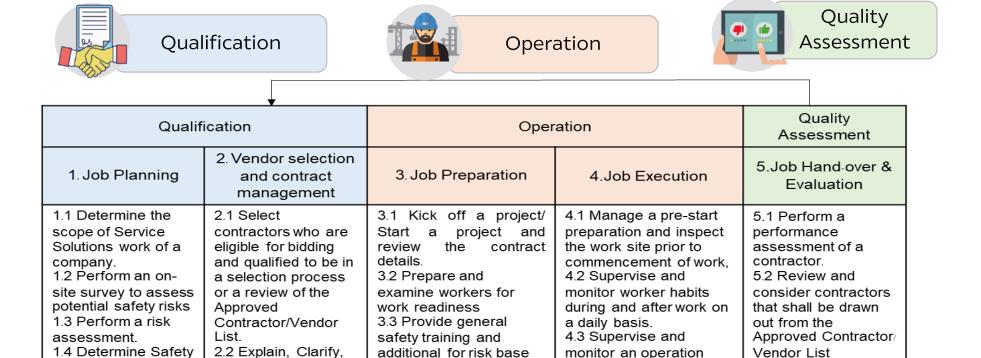
security

requirements. 1.5 Determine

requirements of

and response.

emergency planning



when the scope of the

handed over back to an area owner or a client.

request and manage an

4.5 Report a daily project

contract is completed

4.4 Make a deviation

and a safe site is

incident of non-

compliance.

status update.



## Transportation Safety Risks Management

Significant Risk	Programs	Target
Unsafe drivers' behavior found and Insufficient safety management system of carrier.	<ul> <li>Implement the Advanced Driving Assistance System (ADAS) and Driver Monitoring System (DMS) to monitor driver's behavior by installation a two-way camera and GPS.</li> <li>Detect a risk behavior by using AI and alerts to drivers.</li> </ul>	<ul> <li>vehicles in 2022.</li> <li>100% Install two way camera in trucks and using         Logistic Command Center (LCC) to monitoring truck         and driver.</li> </ul>
	<ul> <li>Implement the Truck Driver Fatigue Management</li> <li>Syetem to control work hours, rest hours to reduce</li> <li>fatigue-induced accidents.</li> </ul>	● Implement in pilot company In 2022.
	<ul> <li>Control unsafe driving behavior and reduce the number of traffic tickets.</li> </ul>	<ul> <li>Reduce the number of traffic tickets (Exceeding the speed limit, driving through a red light, violating traffic signs).</li> <li>Reduce the number of alerts (driving more than 4</li> </ul>
		hours, driving more than 10 hours/day, parking on the roadside, driving faster than the legal limit on a normal route and community area).

### Transportation Safety Risks Management

Significant Risk	Programs	Target
	<ul> <li>Implement the Goods Transportation Safety</li> <li>Standards for Abroad</li> </ul>	Implement the standard in Vietnam and Indonesia     within 2022
	<ul> <li>Improve carrier audit checklist and criteria to evaluate and enhance carrier safety management system</li> </ul>	<ul><li>Improve carrier audit checklist</li><li>100% of major carriers certified</li></ul>

