



WSH Bulletin

10 January 2022, Ref: 2122058

Register for the WSH Leadership Convention: ChemPact 2022

C-suite plays a critical role in leading change that will permeate every level, from senior management to every last worker. The inaugural WSH Leadership Convention: ChemPact 2022 is a platform for chemical industry leaders to share personal experiences and philosophies on workplace safety and health.

Organised by the Singapore Chemical Industry Council, the Association of Process Industry and the WSH Council, this event will cover the following:

- Economic outlook for the chemical industry
- Managing employee health and mental well-being
- Advancing technology use for safety and health
- WSH Pledges from the process industry

Date: 20 January 2022 (Thursday)

Time: 10am – 11:30am

Venue: Hybrid

[Register](#) for the event now.

Public consultation for the revised WSH Guidelines on Design for Safety

The Workplace Safety and Health (Design for Safety) Regulations was enacted in July 2015 with the aim to:

1. Place responsibilities on developers and designers to identify and address foreseeable risks throughout the entire life cycle of the construction project;
2. Achieve sustained WSH improvements through better coordination amongst all stakeholders to manage WSH risks upstream at the design and planning phase; and
3. Improve the planning and effective management of safety and health risks throughout the entire life cycle of a construction project.

The WSH Council convened a workgroup consisting of industry partners, such as the trade associations and chambers, professional bodies, and government agencies like the Building and Construction Authority and Ministry of Manpower, to revise the WSH Guidelines on

Design for Safety (DfS) to offer more guidance and provide greater clarity in DfS implementation.

We would like to seek inputs and suggestions on the revised guidelines prior to publication.

The public consultation is open from 10 January to 9 February 2022. Please read the revised [Workplace Safety and Health Guidelines on Design for Safety](#) and send your [feedback](#) to contact@wshe.sg by **9 February 2022**.

Your views are important and will help to shape the future of workplace safety and health in Singapore.

Improper practice: Attaching concrete blocks to crane outriggers

It has come to MOM's and the WSH Council's attention that the practice shown in the following photos is being used in the industry:



Photos show concrete blocks and slings being used to hold down an extended crane outrigger

Crane operators, lifting teams, and worksite occupiers are reminded that the above practice is strictly prohibited and cannot be used to increase a crane's safe working load (SWL) or improve its stability. This practice is not permitted by both the crane manufacturer and supplier. Cranes are not designed to be operated with such modification, which may result in crane failure.

Recommendations

To prevent crane failure or overturning during lifting, implement the following safe lifting practices:

- **Proper setup:** Fully extend and secure the crane outriggers where necessary on firm and level ground, and operate within the appropriate load radius corresponding to the load to be lifted.
- **Manufacturer recommendations:** Always operate cranes within the safe working limits and configurations recommended by the manufacturer. Before making any modification to the crane, always consult the manufacturer or supplier to ensure it is safe to do so.
- **Trained and competent lifting team:** A lifting team develops and implements a lifting plan that accounts for the load being carried and determines whether the crane has sufficient capacity to lift the load safely. Members of the lifting team should be authorised, trained, and competent.
- **Use of technology:** Cranes equipped with outrigger monitoring systems or dataloggers can detect and intervene to keep the crane within its safe operating parameters.
- **Choice of equipment:** If the above measures cannot enable safe operation within the crane's SWL, companies are advised to use a crane (and lifting gears) with a higher lifting capacity.

For more details on guidelines on safe lifting practices, please refer to the following:

- [SS536: 2008 Code of Practice for the Safe Use of Mobile Cranes](#)
- [Code of Practice on Safe Lifting Operations in the Workplaces](#)
- [WSH Guidelines on Safe Use of Lorry Cranes](#)
- [6 Basic Workplace Safety and Health Rules for Lifting Operations](#)
- [Worker's Safety Handbook for Lorry Crane Operator](#)

We regret that we are unable to reply to emails at this email address. For enquiries or feedback, please email us at contact@wshc.sg.

Visit the WSH Council's [website](#) now for updates on WSH-related matters, information and events.



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