



Since 1942

**SUSTAINABILITY**   
*Is* **RESPONSIBILITY**

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# Thong Guan OCS Solution sharing # 1

- **Containment systems** to prevent plastics resin from escaping plant boundaries



*Install aluminium screen as drain filter to prevent resin flow into drain*



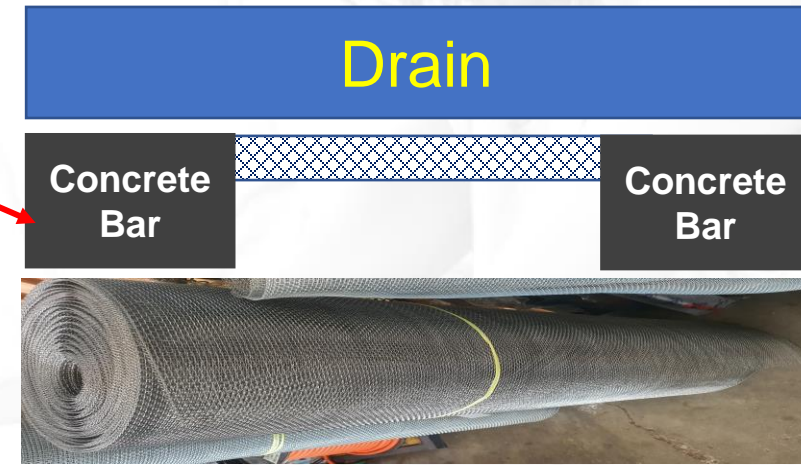
*Install resin grease trap at end outlet of drainage*

Reminder: To clean the screens frequently, i.e. weekly basis to prevent clogging and overflow



# Thong Guan OCS Solution sharing # 1

- **Containment systems** to prevent plastics resin from escaping plant boundaries



*Built brick barricade to avoid resin flow into drain*

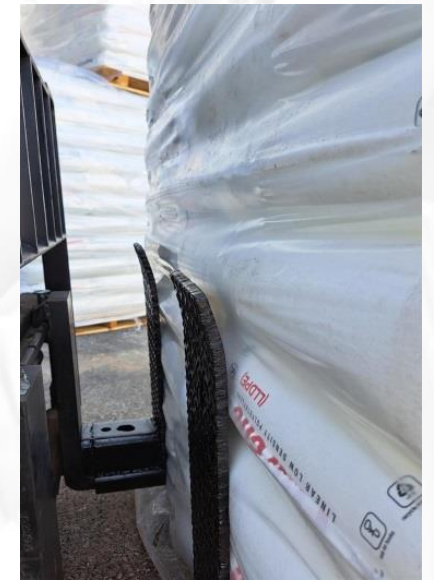
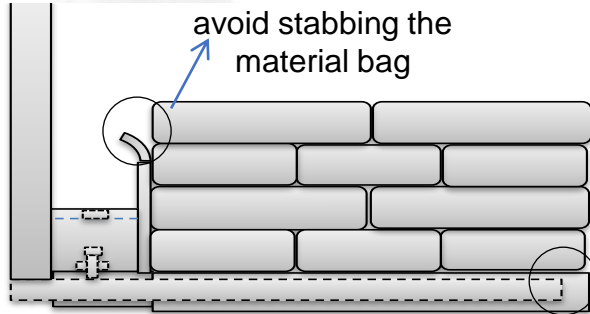


# Thong Guan OCS Solution sharing # 2

- Identify activities and areas where spillage occurs more often

## Handling Materials

### Forklift Stopper





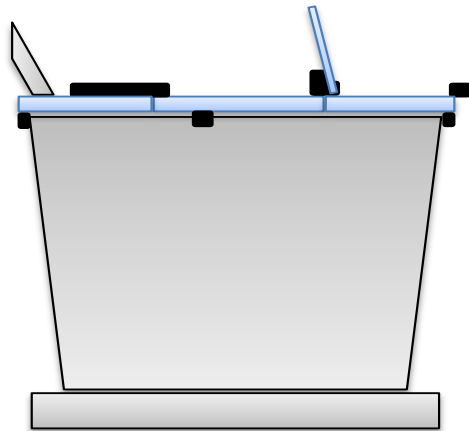
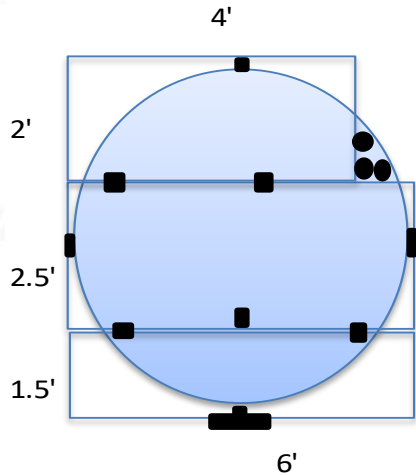
# Thong Guan OCS Solution sharing # 3

- Identify activities and areas where spillage occurs more often

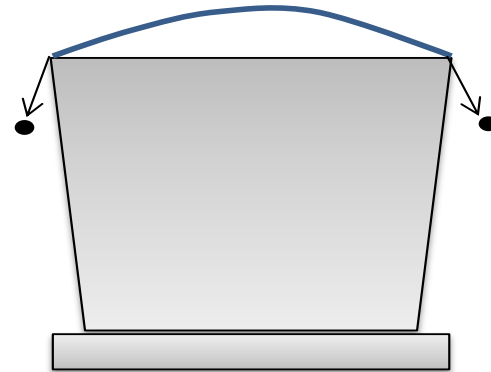
## Storage of Materials

Loading Material System

Every Material Tank With New Cover System



New Cover System



Without Cover System  
(Some time Resin will  
load overflow)



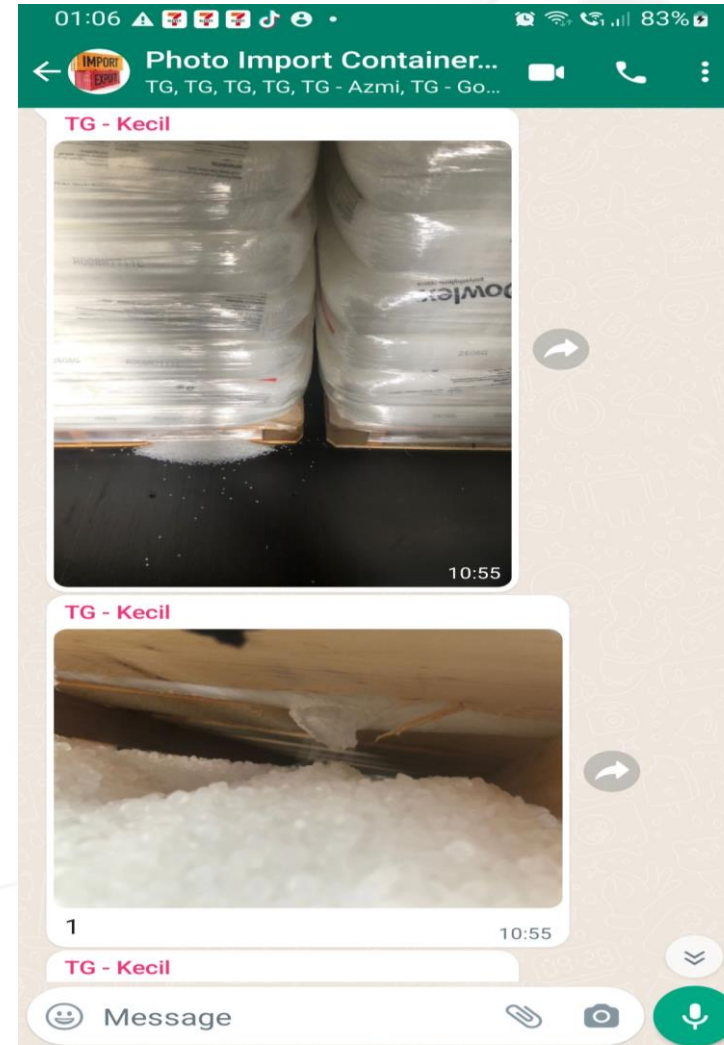


# Thong Guan OCS Solution sharing # 4

- Identify activities and areas where spillage occurs more often

## **Incoming Materials**

- Sweep or vacuum any loose plastic resin in the truck/container.
- Establish a prompt feedback mechanism to notify leaking bags to manufacturer and transporter.
- Each segment of the industry, including resin producers, transporters, bulk terminal operators, recyclers and plastics processors, has a role to play in eliminating resin pellet, flake and powder loss.





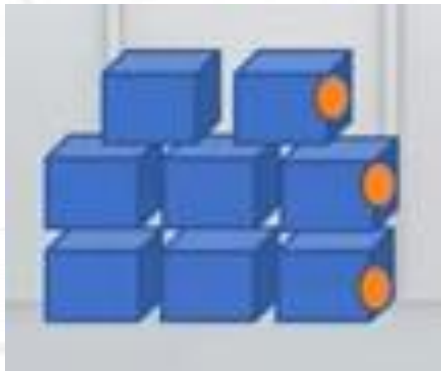
# Thong Guan OCS Solution sharing # 5

- Identify activities and areas where spillage occurs more often

## Materials Stacking System



**2x2 + 1 pyramid stacking system**      **Traditional 2x2 stacking**



**3x2 + 2 pyramid stacking system**



*Recommended by Inteplast Group in the OCS implementation webinar*



# Thong Guan OCS Solution sharing # 6

- Employees have ready access to equipment where spills may occur



Outfitting forklifts with cleanup kits, i.e. brooms & dustpans



Repair Tape provided to tape leaks immediately

***A clean work area*** reduces slips and falls and improves employee morale



# Benefits & Challenges

## COST SAVING



- Material waste reduced by 40% compared to year 2022 which translate into cost saving of RM300K annually.

## IMPROVING 5S



- Promote good housekeeping practices
- Improve overall 5S of facility grounds

## RESPONSIBLE FOR ENVIRONMENT



- Promote culture and practice for “no loss to environment” amongst employees and stakeholders to raise awareness

## CONSISTENCY



- Not easy to built a new company-wide culture
- Need consistent follow up and enforce procedures – when management cares, employees will do
- Consistent and formalized training and checklist needed



Since 1942

**Sustainability**  
**is Responsibility**