

# SAFETY BULLETIN

Published by: SAFETY MANAGEMENT SYSTEM OFFICE

Issued No: SMS/SB/04/2023

DATE: 7<sup>th</sup> MAY 2023

Rev No: 00

## Fluid 41 and Hydraulic Skydrol (LD-4) Spill On Maintenance Floor

### INTRODUCTION

Hangar maintenance floors are subjected to all types of spills such as water, Fluid 41, Hydraulic Skydrol (Id-4) and etc. Spillage can be classified into two categories. One is the minor spill and the one is the major spill. A minor spill covers less than 2m<sup>2</sup> and can be contained and cleared up by the person who created the spill without the assistance of others. A major spill is any spill which is greater than 2m<sup>2</sup>. In case of any major spill, it should be reported immediately to the person in charge for immediate action.

Flooring for hangars in the aviation industry should be slip resistant. However, the engineers and staffs who are working on the maintenance floor should be aware of any spillage because it does not mean that slip resistant hangar floors will not be slippery at all if there is any spillage. There are many safety measures were taken to prevent oil spillage such as safety training and chemical handling training for employees and providence of spill kit.

### CONSEQUENCES AND MITIGATION ACTION

#### Consequences

##### 1.) Odour

When there is any spillage of Fluid 41 and Hydraulic Skydrol, a pungent odour tend to occur. If the spillage is left for a long period of time this odour can cause dizziness or nausea. Besides that, in case the mists are inhaled, slight irritation of the respiratory tract may occur.



##### 2.) Slippery Floor

Spillage will cause the floors to be slippery which can lead someone to slip and fall. This slip and fall accidents can lead to severe injuries. In the worst case, it can potentially lead to permanent injury or even death. So, it is necessary to be aware while walking on the maintenance floor.



#### Mitigation Action

Take immediate action to clean up the Fluid 41 and Hydraulic Skydrol spillage before any unexpected incidents take place. The correct method of disposal should be strictly followed, and do not forget to use protective equipment such as gloves when cleaning up the spillage.

## **CONCLUSION**

In a nutshell, it is clear that workplace safety is very important for each and every employee in aviation industry because all the employee desire to work in a safe and protected atmosphere. Generally, no one wants to get involved in any accidents but when safety aspects is neglected accident occurs. These type of accidents in the workplace can have a significant impact on a business including low staff morale, and loss of reputation. It is everyone's responsibility to ensure a complete work safe environment in aviation industry as safety aspects plays an important role.

**Issued no: SMS/SB/04/2023**

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