

MHE AND INDUSTRY

# SAFETY CHECKLIST

## PART 3: MATERIALS HANDLING



# The Ultimate Checklist

TO ENSURE WAREHOUSE, AUTOMATION AND MACHINERY SAFETY

The rate of injuries and fatalities in warehouses is higher than average compared to other industry sectors in the UK according to the FLTA – the Forklift Lift Truck Association. The unsafe use of forklifts is a major cause of accidents, and 57% of these involve incidents that occur between trucks and pedestrians.

Recently collated statistics show that almost one third (32.2 %) of EU fatal accidents at work were the result of losing control of a machine, tool or transport/handling equipment. Furthermore, almost one third (31.6 %) of all non-fatal occupational accidents in the EU took place on industrial sites.

Most of these accidents are however entirely avoidable if one is aware of the risks and how to minimise them. So what can you do to reduce the risk of accidents and injuries in your warehouse and plants? And, especially, how can you enhance safety around forklift trucks?

ELOKON, a global leader in automated forklift safety technology, has compiled this comprehensive Warehouse and Plants Safety Checklist, based on guidelines by various bodies such as the FLTA, the HSE (Health and Safety Executive), the British Safety Council and other organisations.

There are five sections:

**OVERALL WAREHOUSE SAFETY**

**HAZARDOUS MATERIALS SAFETY**

**GENERAL MATERIALS HANDLING SAFETY**

**FORKLIFT-SPECIFIC SAFETY**

**MACHINERY SAFETY**

We hope that reviewing these key points will help you make your warehouse or plant a safer workplace.

For more information on ELOKON's safety technology, please visit <https://www.elokon.com/en-EN/>.



## MATERIALS HANDLING SAFETY CHECKLIST

- 01 Ensure storage areas are free of materials that could cause tripping, fire/ explosion, or pest infestation.
- 02 Ensure aisles, passageways, doorways, and loading docks have safe clearances for material handling equipment and mark those clearances appropriately.
- 03 Ensure materials are properly stacked (e.g., by blocking, interlocking, and/or limiting the height of stack) to prevent falling hazards.
- 04 Ensure material handling equipment (elevators and hoists, as well as lift trucks) is properly maintained.
- 05 Cover and /or place guardrails around hazardous openings (e.g., around machinery pits, or where stairs pass through floors).
- 06 Ensure dock boards/bridge plates are properly secured while materials are loaded and unloaded.
- 07 Implement policies and training for manual lifting, and design areas where manual lifting is required so that musculoskeletal stress is minimised and the risk of back injuries is reduced.



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OVERALL WAREHOUSE

HAZARDOUS MATERIALS

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