



Wheeled Equipment Push and Pull Risk Assessment

Risk Assessment number: KTS.RA.002a

Date of review: June 2023

Next review: June 2025

Completed by: Mr. Brian McConnell.

Position: Senior Partner-Executive Director

Approval signature: *Brian McConnell*

| Risks associated with pushing or pulling loads on wheeled equipment | | | | | | | | | |
|---|------------------------------|--|--|-------------------------------|------------------------|--|---|---|--|
| Equipment | Load weight | Posture | Hand grip | Work pattern | Travel distance | Condition of equipment | Floor surface | Obstacles along the route | Other factors |
| Wheeled packages trolley | Load weight exceeding 200kgs | Body is inclined in direction of exertion. | Appropriate handles or handhold areas which allow a comfortable power grip for pulling or comfortable full-hand contact for pushing. | Carrying out repetitive work. | Between 10m and 30m | Equipment maintained in a poor condition | Floor condition maintained in a poor condition. | Obstacles present in working area. | Equipment unstable due to overloading. |
| Euro bin | Load weight exceeding 200kgs | Body is severely inclined, or worker squats, kneels or needs to push with their back against the load. Hands are behind or on one side of the body or above shoulder height. | Appropriate handles or handhold areas which allow a comfortable power grip for pulling or comfortable full-hand contact for pushing. | Carrying out repetitive work. | Bin moved 10m or less. | Euro bin maintained in a poor | Euro bin stored on an uneven surface. | Obstacles present along bin collection route. | None |

| Risks associated with pushing or pulling loads on wheeled equipment | | | | | | | | | |
|---|---|--|--|--|-------------------------------------|--|---|-----------------------------------|-------------------------------------|
| Equipment | Load weight | Posture | Hand grip | Work pattern | Travel distance | Condition of equipment | Floor surface | Obstacles along the route | Other factors |
| Wheeled Stairs | Fixed weight | Body is inclined in direction of exertion. Hands below hip height. | Appropriate handles or handhold areas which allow a comfortable power grip for pulling or comfortable full-hand contact for pushing. | Carrying out repetitive work | Stairs moved 10m or less. | Stairs maintained in a poor condition. | Used on an uneven surface. | Obstacles present in working area | None |
| Wheeled equipment risk control | | | | | | | | | |
| Equipment | Load weight | Posture | Hand grip | Work pattern | Travel distance | Condition of equipment | Floor surface | Obstacles along the route | Other factors |
| Wheelbarrow | Ensure load weight is acceptable before commencing push / pull operation. | Manual handling training to be provided as required. | Deemed suitable. | Work pattern controlled by the worker. | Use restricted to groundworks only. | Equipment kept and stored in a good condition. | Groundworks only carried out during the summer months when it is dry. | Obstacles removed prior to use | None |
| Lawn Mower | N/A | N/A | Deemed suitable. | Work pattern controlled by the worker. | Use restricted to groundworks only. | Equipment kept and stored in a good condition. | Groundworks only carried out during the summer months when it is dry. | Obstacles removed prior to use | Battery pack and charger PAT tested |
| Stack Truck | Ensure load weight is acceptable before commencing push / pull operation. | Manual handling training to be provided as required. | Deemed suitable | Work pattern controlled by the worker. | Minimal | Maintained in a good condition | Used on a flat hard standing surface. | Obstacles removed prior to use, | None |

| Wheeled equipment risk control | | | | | | | | | |
|--------------------------------|---|--|-----------------|--|-----------------|--------------------------------|--|---------------------------------|---------------|
| Equipment | Load weight | Posture | Hand grip | Work pattern | Travel distance | Condition of equipment | Floor surface | Obstacles along the route | Other factors |
| Pallet Truck | Ensure load weight is acceptable before commencing push / pull operation. | Manual handling training to be provided as required. | Deemed suitable | Work pattern controlled by the worker. | Minimal | Maintained in a good condition | Used on a flat hard standing surface. | Obstacles removed prior to use, | None |
| Euro Bin | Ensure load weight is acceptable before commencing push / pull operation. | Manual handling training to be provided as required | Deemed suitable | Work pattern controlled by the worker. | Minimal | Maintained in a good condition | Stored on a flat hard standing surface. | None | None |
| Wheeled Stairs | N/A | N/A | Deemed suitable | Work pattern controlled by the worker. | Minimal | Maintained in a good condition | Only used on a level hardstanding surface. | None | None |

Legend



Minimal risk of injury to workers.



Examine tasks closely and apply appropriate control measures.



Prompt actions required to reduce or eliminate the risk of severe injury.

Notes

Definitions

- **Harm** is illness, injury, or both, and includes physical and mental harm caused by work-related stress
- A **hazard** is anything that does or could cause harm, and includes a situation where a person's behavior may be an actual or potential cause or source of harm to themselves or to another person (for example, due to the effects of fatigue or drugs and alcohol)
- A **serious hazard** is a hazard that does or could cause a serious injury or fatality
- **Risk** means a chance of harm
- A **serious risk** means a chance of a serious injury or fatality
- **Hierarchy of Controls:** 1= Eliminate
2= Substitution
3= Engineering controls or separation
4= Safe System of Work or Administrative Controls
5= Personal Protective Equipment

Risk Assessment Sign-off Sheet

| Name | Initials | Review date | Review date | Review date | Review date |
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