



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 weigh 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 weigh 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

