PREMIER Technical Services

RISK ASSESSMENT

Manual Handling

Document Reference

PTS.RA.S70

Activity	Hazards	Risks
Manual Handling Heavy Equipment or other objects	Poor Organisation and or Communication during the carrying operation. Work area factors, Floor, Lighting, Confined Spaces and distance of carrying operation. Excessive loads and poor individual physical ability and suitability for weight and or distance of carrying operation. Incorrect or lack of PPE Incorrect Lifting or Carrying Techniques	Various physical injuries could occur due to any of the potential hazards:- Impact or Crush Injuries Broken or Fracture Bones Spinal Disc damage Ruptures Hernias Ligament damage Tendon damage Muscle Strain

UNCONTROLLED Risk Levels

LIKELIHOOD

Most Likely	5	
Likely	4	✓
Possible	3	
Unlikely	2	
Very Unlikely	1	

SEVERITY

Extreme	5	
Major	4	✓
Moderate	3	
Minor	2	
Negligible	1	

Risk Score deduced by multiplying *Likelihood by Consequence*

Risk Score	16

Less than or equal to 5	LOW
Between 6 and 12	MEDIUM
Above 12	HIGH

UNCONTROLLED Risk Level	HIGH

Description of controls

- Engineers to undertake assessment of Manual Handling task prior to undertaking any lifting tasks whatsoever. This assessment is to take into account object weight and all work area conditions including Floor, Lighting, Confined Spaces and distance of the carrying operation.
- Only engineers trained in Manual handling Safe Lifting Techniques to undertake heavy or awkward lifting tasks.
- Engineers to be physically capable of the lifting task.
- Engineers to use well maintained mechanical lifting and moving equipment such as Trolleys, Sack Trucks, Hoists & lifts where required and wherever possible to reduce physical effort.
- Engineers to check condition of all lifting and moving equipment prior to use to ensure it suitability and condition. If faulty or deemed to be unsafe equipment to be removed from use and reported to Supervisor.
- Safety Barriers and Banksmen to be employed if the task is to be undertake in areas likely to be used by others.
- Where more than one Engineer is involved, Clear verbal communication is to be maintained at all times and visual contact wherever possible.
- Appropriate PPE Equipment must be used particularly Protective Safety Boots as per **PTS.RA.S40 - Safety - PPE**

CONTROLLED Risk Levels

LIKELIHOOD

Most Likely	5	
Likely	4	
Possible	3	
Unlikely	2	
Very Unlikely	1	✓

SEVERITY

Extreme	5	
Major	4	✓
Moderate	3	
Minor	2	
Negligible	1	

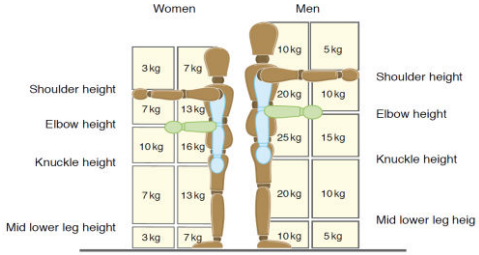
Risk Score deduced by multiplying *Likelihood by Consequence*

Risk Score	4

Less than or equal to 5	LOW
Between 6 and 12	MEDIUM
Above 12	HIGH

CONTROLLED Risk Level	LOW

Manual Handling Lifting and Lowering Guildelines



For pushing and pulling, you should make a more detailed assessment if:
- there are extra risk factors like uneven floors or constricted spaces
- the worker can't push or pull the load with their hands between knuckle and shoulder height;
- the load has to be moved for more than about 20 m without a break

AFFECTED INDIVIDUALS

PTS Personnel	✓
Maintenance Personnel	✓
Catering Staff	✓
Customers	
Visitors	
Delivery Personnel	
Others (specify)	

PPE REQUIREMENTS

as per PTS.RA.S40

Safety Boots EN 20345, S3 WR SRA
Protective Work Wear Clothing
Cut Proof Lvl 3 Safety Gloves (EN388)

Additional Measures

PTS.RA.S01 Safety - Working on Customer Sites
PTS.RA.S02 Safety - Floor
PTS.RA.S40 Safety - PPE

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Issuers Signature	

NB: This document and any amendments must be retained for a minimum of 5 years.
In the event of an incident involving an individual aged 18 years or less this documentation must be retained until the individual reaches 21 years of age, this requirement overrides the minimum 5 year rule.