

Safety Alert

Ride on Rollers

20 January 2021

Background information

People Plant Interface (PPI) related events are the cause of many of our incidents. Following the recent ride on roller incident (see below), we reviewed the safety alerts created and issued in relation to the safe operation of rollers with the aim of preventing further recurrence and improving our learning from incidents within our Supply Chain work in relation to the safe operation of rollers.

Therefore the below summarises the recommendations from those Alerts previously issued and we would ask you to review your existing arrangements and systems of work in relation to the safe operation of rollers.

Planning and Procedures

- Assess the route and ground conditions to ensure they are suitable for the plant to be used.
- Ensure Safe Systems of Work are appropriate, understood and briefed before work starts. Consult with supervision and reassess if anything changes.
- Use physical barriers to identify edge protection.
- Develop a specific assessment for compact / smaller plant due to lack of stability
- Avoid the use of rollers less than 1.2m wide, substitute for remote controlled vibration compaction plates etc
- If the roller has to be smaller than 1.2m wide, this must be approved by Project Director (Supply Chain)

Plant Operation

- Rollers must travel with the seat locked in the forward position. The seat must only be adjusted when stationary.



- Seat belts must be worn.
- Do not operate close to an embankment.
- Banksmen and other personnel to be kept at a suitable distance from the plant.
- Reversing of any plant must be kept to a minimum
- Ensure that adequate rest breaks specifically for plant operators are provided.

People.

- Embed robust controls to ensure only trained operatives use plant.
- Ensure adequate supervision in place to manage tasks.
- Ensure all users of plant are trained and competent.

Safe loading

- Use exclusion around plant whilst loading/off loading.
- Consider edge protection on low loader beds and anti-slip material.

Action: Tier 1 Supply chain to confirm completion of the above on Airsweb

Safety Bulletin

Ride on Roller Incident

On the 26th October, an incident occurred which resulted in a ride on roller tipping onto its side as it was being operated too close to the edge of the footpath formation. As the operator of the roller was wearing his seatbelt, he was not injured.



The investigation identified that:

- the narrow width of the roller reduced stability;
- the roller was being operated too close to the edge of the footpath;
- the supervisor had not briefed the operator additional site-specific controls that should have been implemented during this activity.

To prevent any recurrence of this incident a thorough review of the safe systems of work have been undertaken which has resulted in the production of 'RA 120 – Ride on Rollers', the controls detailed within this new generic risk assessment include:

- **A minimum permitted ride on roller width of 1200mm**
- **A minimum 500mm exclusion zone between a ride on roller and any leading edge**

A site-specific risk assessment **must** be undertaken for each shift. The findings must be recorded and briefed to the relevant operatives to ensure any additional relevant controls are identified and implemented – compliance must be monitored throughout the shift by the Supervisor.

Remember: 'Be SAFE' - 'Let's All Go Home Safely'

Follow safety procedures at all times