

Toolbox talk - Environment

NetworkRail

Toolbox talk - Environment

Waste hierarchy

What?

- □ construction generates a very large amount of waste annually with a sizeable proportion of material simply thrown away without being used
- □ it is important to minimise waste by, in priority order:
 - PREVENTION of waste
 - if it does occur **PREPARING FOR RE-USE**
 - before considering RECYCLING
 - if it can't be recycled, then **OTHER RECOVERY** (eg energy
 - **DISPOSAL** of the waste to landfill.
- ☐ there will be a plan in place on site to manage waste. Everyone on site must follow this plan when waste occurs.

Why?

- □ avoid environmental harm: reduction, reuse and recycling waste minimises the environmental effects of disposing waste to landfill
- □ **reduce costs:** the true cost of waste is more than just the disposal cost and is made up of the:
 - original purchase price of the material
 - cost of unloading, handling, storage and transporting the material around site
 - cost of collecting the waste or damaged materials, reloading, moving and storage waste on site

Do

Prevent

- ✓ store materials neatly to avoid damage and loss
- ✓ think of ways to reduce waste
- ✓ reduce the amount of waste created on site
- keep materials in their packaging to protect from damage.

Prepare for reuse

- √ keep significant offcuts for use elsewhere
- reuse materials until no longer fit for purpose (eg shuttering,
- ✓ reuse materials for alternative purposes (eg use old) shuttering ply for protection).

Recycle

✓ materials where possible



- cost of disposing waste (ie tipping charges, landfill taxes)
- cost of replacing damaged and wasted materials.
- avoid costs: by focusing on resource efficiency at the start of a project to avoid generating waste in the first place.

Questions

- 1 Are site workers familiar with the sites' waste
- 2 Where are off-cuts for use in other activities stored on site?
- 3 What happens to the waste when it goes off site?
- ✓ segregate different waste types
- ✓ store waste in the appropriate skip or container until removed from site
- ✓ make sure skips are labelled clearly
- ✓ add "housekeeping" to site checklists
- ✓ clear up when work is carried out.

Don't

- put waste materials into the wrong waste container
- open new cans or pallets before the ones in use are empty
- Leave materials unprotected and where they are likely to be damaged by, for example, rain or mud
- burn or bury waste it's illegal
- mix different types of waste it prevents recycling
- leave materials at risk from site traffic movement.







Γitle:	
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Site:	

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