

# Know how to operate a forward tipping dumper

**Reference** : L/600/0547

**Level** : Level 2

**Credit Value** : 1

**Guided Learning Hours** : 7

**Aim** : The aim of this unit is to provide the learner with the knowledge to operate a forward tipping dumper. The knowledge acquired by the learner will enable them to: • prepare the machine • operate the machine • shut down the machine.

Learning Outcomes		Assessment Criteria
The Learner Will		The Learner Can
1	Know how to prepare the machine for work	1.1. - Identify and explain the purpose of principal components, the basic construction, controls and terminology. 1.2. - Describe the manufacturer's requirements as per the operator's handbook, other types of information source and relevant regulations and legislation. 1.3. - List and explain all pre-use checks. 1.4. - List and explain all functional and operational checks.
2	Know how to drive and manoeuvre the machine.	2.1. - Understand and explain how to configure and set machine ready for travel (site and highway). 2.2. - Explain how to travel over rough, undulating ground, steep inclines and level surfaces – loaded and unloaded. 2.3. - Describe the actions required to manoeuvre in restricted spaces whilst carrying loads.
3	Know how to set up the machine for work.	3.1 - Describe the procedures to ensure the suitability of the tipping and loading area. 3.2. - Understand and explain actions required for dealing with hazards, underground and overhead services.
4	Know how to undertake the specified work tasks.	4.1. - Describe the actions required for positioning and receiving loads. 4.2. - Describe the processes required to comply with loading procedures. 4.3. - Describe the actions required to ensure load integrity and security. 4.4. - Describe the procedures required to transfer loads to different locations. 4.5. - Describe the procedures required to discharge loads into trenches and over edges.
5	Know how to complete the specified work tasks.	5.1. - Understand and explain actions required to maintain safe and tidy working areas.
6	Know how to shut down the machine.	6.1. - List and explain the shut-down, isolation and securing procedures. 6.2. - List and explain the loading and unloading procedures for machine transporting.

**Assessment guidance and/or requirements** : To be tested in the academic and capability forum.