



(South West) Limited

Training UK Industry

Course Objectives for N100 Excavator as a Crane

It is envisaged that by the end of this course the trainee will be able to answer questions on and perform the following:

- Have a basic understanding of the industry, the dangers of the industry and their responsibilities as an operator
- Be able to conform to manufacturer requirements as per technical data, conform to relevant regulations and legislation
- Be able to locate and explain the major components of the machine and explain their function
- Safely mount and dismount the machine
- Start and stop the engine and safely move the engine and stop it safely
- Configure the machine for travel and manoeuvre it across varying terrain in open and confined spaces
- Conduct all necessary Safety checks in the work area
- Be able to identify and explain safe working loads, lifting capacity chart and explain different lifting configurations and working ranges
- Identify and explain different lifting procedures, explain which task could fall into each category
- Identify & explain centres of gravity, calculate estimate weight of load
- Identify overhead / proximity hazards
- Be able to agree the signal codes/hand signals, direction of movement, safe working and safe landing with the slinger/signaller
- Ensure excavator is in a safe condition for attachments to be fitted
- Check load integrity & security by carrying out a lift trial
- Be able to lift and move a load to a designated position in a safe and controlled manner ensuring minimum uncontrolled movement
- Environmental considerations
- Carry out all out of service and securing considerations

