

Standards Title	Novice Durations & Ratios	Experienced Durations and Ratios
Vacuum Excavator – Non-LGV, manual arm	Minimum 28 hours including assessment time 1 learner. 1 trainer. 1 machine 35 hours including assessment time 2 learners. 1 trainer 1 machine 3 learners. 1 trainer. 1 machine 4 learners. 1 trainer. 2 machines	Minimum 7 hours including assessment time 1 learner. 1 trainer. 1 machine 2 learners. 1 trainer 1 machine 3 learners. 1 trainer: 1 machine 4 learners. 1 trainer. 2 machines
Vacuum Excavator – Non-LGV, semi-powered arm	Minimum 35 hours including assessment time 1 learner. 1 trainer. 1 machine 56 hours including assessment time 2 learners. 1 trainer 1 machine 3 learners. 1 trainer. 1 machine 4 learners. 1 trainer. 2 machines	Minimum 7 hours including assessment time 1 learner. 1 trainer. 1 machine 14 hours including assessment time 2 learners. 1 trainer 1 machine 3 learners. 1 trainer: 1 machine 4 learners. 1 trainer. 2 machines
Vacuum Excavator – Trailer-mounted, manual arm	Minimum 28 hours including assessment time 1 learner. 1 trainer. 1 machine 35 hours including assessment time 2 learners. 1 trainer 1 machine 3 learners. 1 trainer. 1 machine 4 learners. 1 trainer. 2 machines	Minimum 7 hours including assessment time 1 learner. 1 trainer. 1 machine 2 learners. 1 trainer 1 machine 3 learners. 1 trainer: 1 machine 4 learners. 1 trainer. 2 machines
Vacuum Excavator – Trailer-mounted, semi-powered arm	Minimum 28 hours including assessment time 1 learner. 1 trainer. 1 machine 35 hours including assessment time	Minimum 7 hours including assessment time 1 learner. 1 trainer. 1 machine 2 learners. 1 trainer 1 machine 3 learners. 1 trainer: 1 machine 4 learners. 1 trainer. 2 machines

	2 learners. 1 trainer 1 machine 3 learners. 1 trainer. 1 machine 4 learners. 1 trainer. 2 machines	
Vacuum Excavator - LGV semi-powered arm	Minimum 49 hours including assessment time 1 learner. 1 trainer. 1 machine 70 hours including assessment time 2 learners. 1 trainer 1 machine 3 learners. 1 trainer. 1 machine 4 learners. 1 trainer. 2 machines	Minimum 7 hours including assessment time 1 learner. 1 trainer. 1 machine 14 hours including assessment time 2 learners. 1 trainer 1 machine 3 learners. 1 trainer: 1 machine 4 learners. 1 trainer. 2 machines
Vacuum Excavator - LGV fully powered arm	Minimum 49 hours including assessment time 1 learner. 1 trainer. 1 machine 70 hours including assessment time 2 learners. 1 trainer 1 machine 3 learners. 1 trainer. 1 machine 4 learners. 1 trainer. 2 machines	Minimum 7 hours including assessment time 1 learner. 1 trainer. 1 machine 14 hours including assessment time 2 learners. 1 trainer 1 machine 3 learners. 1 trainer: 1 machine 4 learners. 1 trainer. 2 machines
Please note that the durations and ratios for the Vacuum Excavator standards have been reviewed by industry representatives. Increasing learner numbers does not necessarily require a proportional increase in training duration, as a significant proportion of the learning is cognitive. As a result, durations for some learner ratios have been aligned to allow sufficient time for learners to absorb and apply the required knowledge and skills.		
Loader Compressor Training	Minimum 21 hours including assessment time 1 learner. 1 trainer. 1 machine 28 hours including assessment time 2 learners. 1 trainer 1 machine 4 learners. 1 trainer. 2 machines	Minimum 14 hours including assessment time 1 learner. 1 trainer. 1 machine 21 hours including assessment time 2 learners. 1 trainer 1 machine 3 learners. 1 trainer. 2 machines 4 learners. 1 trainer. 2 machines

	35 hours including assessment time 3 learners. 1 trainer. 1 machine	28 hours including assessment time 3 learners. 1 trainer: 1 machine
<i>The following standards were communicated as part of the Phase Four launch. However, as the working group was unable to finalise their development, Phase Four will now be split into two launches. The standards listed below have therefore been moved to the 27 October launch.</i> • Appointed Person • Tower Crane Operator – Trolley Jib – Cab Controlled • Tower Crane Operator – Luffing Jib – Cab Controlled • Tower Crane Operator – Trolley Jib – Remote Controlled		