

Training Exercise Detail Report (Exam) for CM2113 Fall 2024

17:45:42

William Lowe 6/16/2018**Advanced Construction Excavator (11/25/2024 17:45:42)**

| Description (* Indicates Failure / ** Indicates Critical Failure) | Results(avg) | Units |
|---|--------------|-------|
| Dig Footings | | |
| Failed | | |
| **Execution Time Results should be: 00:21:40 mins to 00:26:40 mins | 00:12:02 | mins |
| *Fuel Burned Results should be: 3.79 L to 7.57 L | 3.36 | L |
| Time Spent Counter Rotating | 0 | sec |
| Number Of Bucket Slams | 8 | |
| *Time Spent Trimming Results should be: 30 sec to 70 sec | 16 | sec |
| *Time Spent Trimming Machine (Left/Right) Results should be: 20 sec to 60 sec | 6 | sec |
| *Time Spent Stopped Results should be: 00:16:40 mins to 00:25:00 mins | 00:11:46 | mins |
| *Time Spent Swinging Left Results should be: 00:01:40 mins to 00:05:00 mins | 00:01:04 | mins |
| *Time Spent Swinging Right Results should be: 100 sec to 300 sec | 55 | sec |
| Average Speed | 2.98 | km/h |
| *Distance Trammed Results should be: 121.92 m to 274.32 m | 40.24 | m |
| *Maximum Bucket Height Results should be: 1.22 m to 4.57 m | 4.63 | m |
| *Maximum Bucket Height While Trimming Results should be: 1.22 m to 4.57 m | 62.6 | cm |
| Average Bucket Height | 1.14 | m |
| Average Bucket Height While Trimming | 62.5 | cm |
| Time Spent Digging Over Final Drive | 0 | sec |
| **Average Bucket Fill Factor Results should be: 80 % to 120 % | 127.21 | % |
| Productivity | 479.31 | m³/hr |
| Average Depth Below Grade | 0 | cm |