

## Training Exercise Detail Report (Exam) for CM2113 Fall 2024

11:13:12

**Sueed Willoughby 8/14/2018****Advanced Construction Excavator (12/12/2024 11:13:12)**

| Description ( * Indicates Failure / ** Indicates Critical Failure )                                | Results(avg) | Units              |
|--|--------------|--------------------|
| <b>Dig Footings</b>  |              |                    |
| <b>Failed</b>  |              |                    |
| <b>**Execution Time</b><br>Results should be: 00:21:40 mins to 00:26:40 mins                       | 00:05:33     | mins               |
| <b>*Fuel Burned</b><br>Results should be: 3.79 L to 7.57 L   | 1.52         | L                  |
| Time Spent Counter Rotating  | 0            | sec                |
| Number Of Bucket Slams   | 2            |                    |
| <b>*Time Spent Tramming</b><br>Results should be: 30 sec to 70 sec                                 | 27           | sec                |
| <b>*Time Spent Tramming Machine (Left/Right)</b><br>Results should be: 20 sec to 60 sec            | 14           | sec                |
| <b>*Time Spent Stopped</b><br>Results should be: 00:16:40 mins to 00:25:00 mins                    | 00:05:06     | mins               |
| <b>*Time Spent Swinging Left</b><br>Results should be: 00:01:40 mins to 00:05:00 mins              | 00:01:02     | mins               |
| <b>*Time Spent Swinging Right</b><br>Results should be: 100 sec to 300 sec                         | 60           | sec                |
| Average Speed  | 2.03         | km/h               |
| <b>*Distance Trammed</b><br>Results should be: 121.92 m to 274.32 m                                | 41.98        | m                  |
| Maximum Bucket Height  | 3.17         | m                  |
| Maximum Bucket Height While Tramming   | 2.08         | m                  |
| Average Bucket Height  | 1.05         | m                  |
| Average Bucket Height While Tramming   | 1.22         | m                  |
| Time Spent Digging Over Final Drive  | 0            | sec                |
| <b>**Average Bucket Fill Factor</b><br>Results should be: 80 % to 120 %                            | 128.87       | %                  |
| <b>**Productivity</b><br>Results should be: 305.81 m <sup>3</sup> /hr to 649.85 m <sup>3</sup> /hr | 804.26       | m <sup>3</sup> /hr |
| Average Depth Below Grade  | 0            | cm                 |