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| **MEC1040 Marking Rubric Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Outcome** | **Goal** | **Excellent - 4** | **Proficient - 3** | **Satisfactory - 2** | **Not Acceptable - 1** | **Mark** |
| **Health and Safety (x1)** | *OHS* | Excellent grasp and application of safety policy and practice. | Good understanding of policy and consistent use of PPE. | Inconsistent use of PPE and basic understanding of safety policy. | Apparent disregard for safety practice and policy. |  |
| *Personal Safety* |
| *Basic Safety* |
| **Hazard Identification (x1)** | *Jobsite* | Thorough and insightful understanding. | Good understanding. | Needs guidance in identification. | Doesn’t grasp basic hazard recognition. |  |
| *PPE* |
| **Basic Hand Tools (x 2)** | *Measure* | Measurements are accurate and consistent. | Measurements are within tolerances. | Some measurements are within tolerance. | Measurements are inaccurate and not within tolerance. |  |
| *Holding/Gripping* | Tools used correctly, safely and with excellent results. | Tools used safely and with proper technique. | Direction needed for tool selection and proper safe usage. | Use of tools is not appropriate with unacceptable results. |  |
| *Torque Wrench* | Torque processes and patterns followed exactly; correct final readings. | All parts torqued within tolerances and in correct order. | Torquing done mostly within tolerances. | No effort made to torque correctly. |  |
| **Theory(x1)** | *Two & Four Cycle Operating PrinciplesEnvironment Issues* | Excellent understanding of strokes and mechanical correlations; environmental impacts explained. | Good understanding of strokes and valve/piston positioning; impact on environment explained. | General understanding of strokes and cycles; some environment concerns noted. | Unable to explain cycles and strokes or mechanical relationships or environment concerns. |  |
| **Disassembly/ Assembly****(x 3)** | *Disassembly* | Able to correctly disassemble engine using correct tools, correct procedures and in the correct order. | Able to use most tools correctly and in correct disassembly order. | Some steps and tools not followed/used correctly. | Unable to disassemble engine or use tools correctly without direct supervision and guidance. |  |
| *Part Identification/ Management* | All parts correctly identified, explained, cleaned, stored and repaired/replaced. | Most parts identified, explained and stored correctly. | Some parts identified and purposes explained, poor storage and organization. | Unable to identify majority of parts, or maintain organized work area. |  |
| *Reassembly* | Able to correctly assemble engine using correct tools, correct procedures and in the correct order. | Able to use most tools correctly and in correct assembly order. | Some steps and tools not followed/used correctly. | Unable to assemble engine or use tools correctly without direct supervision and guidance. |  |
| *Run Test/Tune* | Correctly start and tune engine, and/or diagnose any operating issues, fuel or air flow concerns lubrication issues or electrical malfunctions. | Start and tune engine with most general running/tuning concerns addressed. | Able to start engine, or unable to diagnose and solve all problems related to correct operation.  | Unable to start engine or diagnose possible problems or source of problem. |  |
| **Connection (x1)** | *Related Occupation* | Able to identify occupational correlations with excellent detail. | Identifies occupation with understanding of course connections. | General understanding of related occupation. | Did not research occupation. |  |
| **Interpersonal Skills (x1)** | *Communication and Citizenship* | Communicates clearly. Asset to the shop. | Good shop citizen. Effective communicator. | Inconsistent personal inter-relationships. | Does not relate/respond well with others. |  |
| **In Short…..** | *Be the Best You Can* | WOW!!!! | OK | Right Idea, but….. | No, you need to….. |  |

92-71 Excellent 70-48 Proficient 47-25 Satisfactory 24-0 Not Meeting Acceptable Standards