|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **MEC1040 Engine Rubric Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** | **Outcome** | **Goal** | **Excellent - 4** | **Proficient - 3** | **Satisfactory - 2** | **Not Acceptable - 1** | **Student** | **Teacher** |
| **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* |
| **Work Station Operation (x1)** | *Organization, Part handling, and Cleanliness* | Excellent understanding of importance of organization and cleanliness. Parts and tools clean and properly stored. | Parts and tools organized and mostly clean. Work station has minor clutter. | Work station cluttered. Tools and parts not put away clean. Some organized storage. | No effort to clean or organize work station. Parts and tools are dirty. Unorganized work station. |  |  |
| **Engine Work****(x 3)** | *Disassembly* | Steps done in order. Checks done consistently. Able to fully explain current process and parts in detail. No fasteners damaged during removal. Fasteners replaced when parts removed.  | Steps done in order. Checks usually done. Able to explain general operations and part purpose. Some difficulty with disassembling. Occasional incorrect tool use. | Working with little reference to order. Checks not consistently done. Working quickly without ability to explain current process. Frequent incorrect tool use. | Little or no reference to prescribed disassembly order. Unable to explain part operation or process. No effort put towards orderly disassembly. |  |  |
| *Reassembly* | Care shown in oiling and reassembling parts. Tools used properly. Work done in careful and organized manner. | Parts generally oiled during reassembly. Proper tools used. Working in controlled and planned manner. | Some parts needing removal and reassembly. Slightly rushed. Parts occasionally oiled. | Working quickly and making frequent mistakes. Oiling not observed. Some parts leftover. |  |  |
| **Plastigage (x1)** | *Bearing Clearance* | Torque carefully applied. Work done slowly and carefully. Measurement taken and wax removed. | Torque applied successfully. Care taken in disassembly for reading.  | Process repeated due to poor application of torque. Rushed process. | Failure to torque without moving parts. Poor clean up. |  |  |
| **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….. |  |  |

52-44 Excellent 43-36 Proficient 35-29 Satisfactory 28-0 Not Meeting Acceptable Standards