**TABEL SPESIFIKASI (KISI-KISI) EVALUASI HASIL BELAJAR**

**MATA PELAJARAN KELISTRIKAN MESIN DAN KONVERSI ENERGI**

**(LAS SMAW / LAS BUSUR MANUAL)**

**Soal Pilihan Ganda :**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| NO | Pokok Materi | Aspek yang diukur | | | | | | Jumlah Butir | Nomor Soal |
| Pengetahuan | Pemahaman | Penerapan | Analisis | Evaluasi | Kreasi |
| 1 | Keselamatan dan Kesehatan Kerja | 1 | 1 |  |  |  |  | 2 | 1,2 |
| 2 | Macam-macam proses las |  | 1 |  |  |  |  | 1 | 3 |
| 3 | Peralatan utama las busur manual | 3 | 1 | 1 |  |  |  | 5 | 4,5,6,7,8 |
| 4 | Peralatan bantu las busur manual | 1 |  |  |  |  |  | 1 | 9 |
| 5 | Penyetingan material |  |  | 1 |  |  |  | 2 | 10 |
| 6 | Elektroda las | 2 | 1 |  |  |  |  | 3 | 11,12,13 |
| 7 | Teknik dasar mengelas |  |  |  |  |  |  |  |  |
|  | 1. Parameter Pengelasan | 2 |  |  |  |  |  | 2 | 14,15 |
|  | 1. Menyalakan dan mematikan busur | 1 |  |  |  |  |  | 1 | 16,18 |
|  | 1. Gerakan Elektroda | 1 |  |  |  |  |  | 1 | 17 |
|  | 1. Posisi pengelasan | 2 |  |  |  |  |  | 2 | 19,20 |
| 8 | Macam-macam kampuh las | 1 | 2 |  |  |  |  | 3 | 21,22,23 |
| 9 | Cacat las | 2 |  |  |  |  |  | 3 | 24,25 |
| Total Butir Soal | | 18 | 5 | 2 |  |  |  | 25 |  |

**Soal Essay :**

1. Keselamatan dan Kesehatan Kerja 1 butir
2. Peralatan Utama Las 1 butir
3. Elektroda Las 2 butir
4. Cacat Las 1 butir

**Bobot Penilaian :**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **NO** | **Jenis Soal** | **Jumlah Soal** | **Skor maksimal tiap butir soal** | **Jumlah Skor** |
| 1 | Pilihan Ganda | 25 | 2 | 50 |
| 2 | Essay | 5 | 10 | 50 |
| **Total** | | **30** |  | **100** |