



**FAKULTI TEKNOLOGI KEJURUTERAAN ELEKTRIK  
DAN ELEKTRONIK  
UNIVERSITI TEKNIKAL MALAYSIA MELAKA**

**INDUSTRIAL TRAINING REPORT – FACULTY SUPERVISOR (15%)**

*(To be filled by faculty supervisor and submit during trainee's final week of industrial training)*

**STUDENT DETAILS**

|                                    |  |         |  |
|------------------------------------|--|---------|--|
| Intern's Name                      |  |         |  |
| Matric Number                      |  | Program |  |
| Company's Name                     |  |         |  |
| Department                         |  |         |  |
| Industry Supervisor's Name         |  |         |  |
| Industry Supervisor's Phone Number |  |         |  |
| Industry Supervisor's Email        |  |         |  |

**EVALUATION (CLO5, PLO1)**

**1. Abstract**

|                                                                                                                                                                                                                                                                                                                                  |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Abstract is complete with information such as industrial training location, training scope and results, and industrial training objectives are achieved.<br><i>Abstrak lengkap dengan maklumat seperti tempat latihan industri, bidang kerja dan hasil kerja semasa latihan industri dan memenuhi objektif latihan industri.</i> | 2 |
| Abstract is incomplete and the industrial training objectives are not achieved.<br><i>Abstrak tidak lengkap dan tidak memenuhi objektif latihan industri.</i>                                                                                                                                                                    | 1 |
| No abstract.<br><i>Tiada abstrak.</i>                                                                                                                                                                                                                                                                                            | 0 |

## 2. Introduction (Chapter 1)

|                                                                                                                                                                                                                                                                                                                                               |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Comprehensive introduction regarding the background of the company, the organizational structure, core business, as well as industrial training's objectives and scope.<br><i>Pengenalan yang komprehensif berkenaan latar belakang syarikat, struktur organisasi, teras perniagaan (produk /servis), objektif dan skop latihan industri.</i> | 3 |
| Brief introduction regarding the background of the company, the organizational structure, core business, as well as industrial training's objectives and scope.<br><i>Pengenalan yang ringkas berkenaan latar belakang syarikat, struktur organisasi, teras perniagaan (produk /servis), objektif dan skop latihan industri.</i>              | 2 |
| Incomplete introduction. Some major points are not reported.<br><i>Pengenalan yang tidak sempurna. Ada perkara yang tidak dilaporkan.</i>                                                                                                                                                                                                     | 1 |
| No introduction.<br><i>Tiada pengenalan.</i>                                                                                                                                                                                                                                                                                                  | 0 |

## 3. Depth of Technical Knowledge – (SK1, SK2, SK3, SP1)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Excellent in demonstrating technical knowledge and skills in providing solutions to meet identified needs with appropriate consideration such as safety, health and environmental conditions.<br><i>Cemerlang dalam menunjukkan pengetahuan teknikal dan kemahiran teknikal dalam menyediakan penyelesaian untuk memenuhi keperluan yang dikenal pasti dengan pertimbangan yang sewajarnya seperti keadaan keselamatan, kesihatan dan persekitaran.</i>    | 5 |
| Good in demonstrating technical knowledge and skills in providing solutions to meet identified needs with appropriate consideration such as safety, health and environmental conditions.<br><i>Baik dalam menunjukkan pengetahuan teknikal dan kemahiran teknikal dalam menyediakan penyelesaian untuk memenuhi keperluan yang dikenal pasti dengan pertimbangan yang sewajarnya seperti keadaan keselamatan, kesihatan dan persekitaran.</i>              | 4 |
| Satisfactory in demonstrating technical knowledge and skills in providing solutions to meet identified needs with appropriate consideration such as safety, health and environmental conditions.<br><i>Memuaskan dalam menunjukkan pengetahuan teknikal dan kemahiran teknikal dalam menyediakan penyelesaian untuk memenuhi keperluan yang dikenal pasti dengan pertimbangan yang sewajarnya seperti keadaan keselamatan, kesihatan dan persekitaran.</i> | 3 |
| Satisfactory in demonstrating technical knowledge but lacks of technical explanation.<br><i>Baik dalam menunjukkan pengetahuan teknikal tetapi kurang penerangan teknikal.</i>                                                                                                                                                                                                                                                                             | 2 |

|                                                                                                                                                              |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Capable in demonstrating technical knowledge but unable to elaborate.<br><i>Berupaya menunjukkan pengetahuan teknikal namun tidak mampu memberi huraian.</i> | 1 |
| Not capable of demonstrating technical knowledge.<br><i>Tidak mampu untuk mendemonstrasikan kebolehan &amp; pengetahuan teknikal.</i>                        | 0 |

#### 4. Training Task or Project – (SK4, SP4)

|                                                                                                                                                                                                                                                                                                                                                                                        |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| The tasks or project are clearly and thoroughly defined, with appropriate problem-solving tools effectively applied to address engineering technology problems.<br><i>Tugas atau projek ditakrifkan dengan jelas dan teliti secara terperinci, dengan alat penyelesaian masalah yang sesuai digunakan secara berkesan untuk menangani masalah teknologi kejuruteraan.</i>              | 5 |
| The tasks or project are stated clearly in detail. Problem-solving tools used are less appropriate or not described, but task or project results are clearly stated.<br><i>Pernyataan tugas atau projek dihuraikan secara terperinci. Kaedah pelaksanaan dan teknik penyelesaian masalah kurang sesuai atau tidak dinyatakan tetapi hasil tugas or projek dinyatakan dengan jelas.</i> | 4 |
| Task or project is satisfactorily stated. Problem solving tools used are less appropriate and task or project results are clearly stated.<br><i>Pernyataan tugas atau projek yang dihurai memuaskan. Kaedah pelaksanaan dan teknik penyelesaian masalah kurang sesuai dan hasil tugas or projek dinyatakan dengan jelas.</i>                                                           | 3 |
| Task or project is satisfactorily stated. Problem solving tools used are less appropriate and task or project results are not stated.<br><i>Pernyataan tugas atau projek yang dihurai memuaskan. Kaedah pelaksanaan dan teknik penyelesaian masalah kurang sesuai serta hasil tugas or projek tidak dinyatakan.</i>                                                                    | 2 |
| Task or project is inadequately stated. Problem solving tools used are less appropriate and task or project results are not stated.<br><i>Pernyataan tugas atau projek yang dihurai kurang memuaskan. Kaedah pelaksanaan dan teknik penyelesaian masalah kurang sesuai serta hasil tugas or projek tidak dinyatakan.</i>                                                               | 1 |
| Training tasks are not clearly reported and are not understandable.<br><i>Laporan tugas latihan tidak jelas dan sukar difahami.</i>                                                                                                                                                                                                                                                    | 0 |

## 5. Project 2 (Safety Practices/Kaizen/ESD/Improve Yield/5s) – (SK4, SP4)

|                                                                                                                                                                                                                                                                                                                                                                                                    |   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <p>The project is defined clearly and in comprehensive detail. Problem-solving tools are applied appropriately and effectively, and project results are clearly demonstrated.</p> <p><i>Pernyataan projek dihuraikan dengan jelas dan menyeluruh. Kaedah pelaksanaan dan teknik penyelesaian masalah diaplikasikan dengan sesuai dan berkesan, serta hasil projek dibuktikan dengan jelas.</i></p> | 5 |
| <p>Project is stated clearly in detail. Problem solving tools used are less appropriate, but project results are clearly stated.</p> <p><i>Pernyataan projek dihuraikan secara terperinci. Kaedah pelaksanaan dan teknik penyelesaian masalah kurang sesuai tetapi hasil projek dinyatakan dengan jelas.</i></p>                                                                                   | 4 |
| <p>Project is satisfactorily stated. Problem solving tools used are less appropriate and project results are clearly stated.</p> <p><i>Pernyataan projek yang dihurai memuaskan. Kaedah pelaksanaan dan teknik penyelesaian masalah kurang sesuai dan hasil projek dinyatakan dengan jelas.</i></p>                                                                                                | 3 |
| <p>Project is satisfactorily stated. Problem solving tools used are less appropriate and project results are not stated.</p> <p><i>Pernyataan projek yang dihurai memuaskan. Kaedah pelaksanaan dan teknik penyelesaian masalah kurang sesuai serta hasil projek tidak dinyatakan.</i></p>                                                                                                         | 2 |
| <p>Project is inadequately stated. Problem solving tools used are less appropriate and project results are not stated.</p> <p><i>Pernyataan projek yang dihurai kurang memuaskan. Kaedah pelaksanaan dan teknik penyelesaian masalah kurang sesuai serta hasil projek tidak dinyatakan.</i></p>                                                                                                    | 1 |
| <p>Project is not clearly reported and is not understandable.</p> <p><i>Laporan projek tidak jelas / sukar difahami.</i></p>                                                                                                                                                                                                                                                                       | 0 |

## 6. Extent of Applicable Codes – (SK6, SP5)

|                                                                                                                                                                                                                                                                                                                                                                                                                                               |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <p>Actively identify and apply good engineering skills to address part of problems that did not fully fall under any specific standards, codes, or codified engineering practices.</p> <p><i>Mengenalpasti and mengaplikasi kemahiran kejuruteraan yang baik secara aktif untuk menangani sebahagian daripada masalah yang tidak sepenuhnya berada di bawah piawai tertentu, kod atau amalan kejuruteraan yang telah dikodkan.</i></p>        | 4 |
| <p>Actively applying good engineering skills to address part of problems that did not fully fall under any specific standards, codes, or codified engineering practices.</p> <p><i>Mengaplikasi kemahiran kejuruteraan yang baik secara aktif untuk menangani sebahagian daripada masalah yang tidak sepenuhnya berada di bawah piawai tertentu, kod atau amalan kejuruteraan yang telah dikodkan.</i></p>                                    | 3 |
| <p>At ease at applying good engineering skills to address part of problems that did not fully fall under any specific standards, codes, or codified engineering practices.</p> <p><i>Mengaplikasi kemahiran kejuruteraan yang baik untuk menangani sebahagian daripada masalah yang tidak sepenuhnya berada di bawah piawai tertentu, kod atau amalan kejuruteraan yang telah dikodkan.</i></p>                                               | 2 |
| <p>Able to apply good engineering skills to address part of problems that did not fully fall under specific standards, codes, or codified engineering practices but with guidance.</p> <p><i>Mampu mengaplikasi kemahiran kejuruteraan yang baik untuk menangani sebahagian daripada masalah yang tidak sepenuhnya berada di bawah piawai tertentu, kod atau amalan kejuruteraan yang telah dikodkan tetapi dengan bantuan bimbingan.</i></p> | 1 |
| <p>Not able to apply good engineering skills to address any part of problems that did not fully fall under any specific standards, codes, or codified engineering practices.</p> <p><i>Tidak berupaya mengaplikasi kemahiran kejuruteraan yang baik untuk menangani mana-mana bahagian daripada masalah yang tidak sepenuhnya berada di bawah piawai tertentu, kod atau amalan kejuruteraan yang telah dikodkan.</i></p>                      | 0 |

## 7. Conclusion and Suggestion

|                                                                                                                                                                                                                                                                                                                                                                                      |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <p>Skill and knowledge gained from industrial training and student contribution towards organization are clearly stated. Student provides suggestions for improvement.</p> <p><i>Kemahiran dan pengetahuan yang diperolehi daripada latihan industri serta sumbangan pelajar kepada organisasi dinyatakan dengan jelas. Pelajar memberi cadangan penambahbaikan.</i></p>             | 3 |
| <p>Skill and knowledge gained from industrial training and student's contribution towards organization are not clearly stated. Student provides suggestions for improvement.</p> <p><i>Kemahiran dan pengetahuan yang diperolehi daripada latihan industri serta sumbangan pelajar kepada organisasi tidak dinyatakan dengan jelas. Pelajar memberi cadangan penambahbaikan.</i></p> | 2 |
| <p>Skill and knowledge gained from industrial training and student's contribution towards organization are not clearly stated. Student did not suggest any improvement.</p> <p><i>Kemahiran dan pengetahuan yang diperolehi daripada latihan industri serta sumbangan pelajar kepada organisasi tidak dinyatakan dengan jelas dan tiada cadangan penambahbaikan.</i></p>             | 1 |
| <p>Skill and knowledge gained are not stated and student did not suggest any improvement.</p> <p><i>Kemahiran dan pengetahuan yang diperolehi tidak dinyatakan dan tiada cadangan penambahbaikan.</i></p>                                                                                                                                                                            | 0 |

## 8. Format and Writing

|                                                                                                                                                                                                                                                                                                                          |   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| <p>Report is very clear, and sentences are easy to understand. Minor grammatical errors. Report is well structured and follows standard format.</p> <p><i>Laporan ditulis secara jelas dan ayat mudah difahami. Sedikit kesalahan tata bahasa. Laporan berstruktur baik dan mengikut format diberikan.</i></p>           | 3 |
| <p>Report is well written but occasionally some points are not easy to understand. Some grammatical errors present. Standard format is used.</p> <p><i>Laporan ditulis dengan baik tetapi sekali-sekala beberapa kenyataan tidak mudah faham. Beberapa kesalahan tata bahasa hadir. Mematuhi standard diberikan.</i></p> | 2 |
| <p>Report is not well written with many grammatical errors. Some of the standard format is not followed.</p> <p><i>Laporan tidak ditulis dengan baik dengan banyak kesalahan tata bahasa. Sebahagian format yang disediakan tidak diikuti.</i></p>                                                                       | 1 |
| <p>Report is too difficult to understand with lots of grammatical error present and standard format is not followed.</p> <p><i>Laporan terlalu sukar difahami dengan terlampau banyak kesalahan tata bahasa dan format standard tidak diikuti.</i></p>                                                                   | 0 |

Total = (      / 30)

Comments:

Evaluated by:

Date:

(\_\_\_\_\_)

Faculty Supervisor Name:

Company stamp:

For reference:

| Knowledge Profile (SK)                      |                                                                       |
|---------------------------------------------|-----------------------------------------------------------------------|
| SK1                                         | Natural Science                                                       |
| SK2                                         | Mathematics                                                           |
| SK3                                         | Engineering Fundamentals                                              |
| SK4                                         | Engineering Specialist Knowledge                                      |
| SK5                                         | Engineering Design                                                    |
| SK6                                         | Engineering Technologies                                              |
| SK7                                         | Comprehension of the role of technology                               |
| SK8                                         | Technological Literature                                              |
| SK9                                         | Ethics                                                                |
| Broadly Defined Engineering Problems (SP)   |                                                                       |
| SP1                                         | Depth of Knowledge Required                                           |
| SP2                                         | Range of conflicting requirements                                     |
| SP3                                         | Depth of analysis required                                            |
| SP4                                         | Familiarity of issues                                                 |
| SP5                                         | Extent of applicable codes                                            |
| SP6                                         | Extent of stakeholder involvement & level of conflicting requirements |
| SP7                                         | Interdependence                                                       |
| Broadly Defined Engineering Activities (TA) |                                                                       |
| TA1                                         | Range of Resources                                                    |
| TA2                                         | Level of Interactions                                                 |
| TA3                                         | Innovation                                                            |
| TA4                                         | Consequences to Society & the Environment                             |
| TA5                                         | Familiarity                                                           |