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| Reference No. |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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## SELF-ASSESSMENT GUIDE

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|--|--|-----------|--|
| Qualification Title:   | <b>Semiconductor Back-end Operations NC II</b>   |           |  |
| Units of Competency Covered:   | <ul style="list-style-type: none"> <li>• <b>Set up Back-end Operations Workplace for Semiconductor Production Line</b></li> <li>• <b>Analyze, Carry out and Monitor Back-end Operations for Semiconductor Production Line</b></li> <li>• <b>Check Quality Compliance of Back-end Operations for Semiconductor Production Line</b></li> </ul> |           |  |
| <p>Instruction:</p> <ul style="list-style-type: none"> <li>• Read each question and check the appropriate box to indicate your answer.</li> </ul>                            |  |           |  |
| <b>Can I?</b>  | <b>YES</b>   | <b>NO</b> |  |
| <b>Set up Back-end Operations Workplace for Semiconductor Production Line</b>  |  |           |  |
| <ul style="list-style-type: none"> <li>• *Select and complete appropriate tools and materials based on process requirements and required time</li> </ul>                     |  |           |  |
| <ul style="list-style-type: none"> <li>• *Check quantity and quality of materials based on production specifications</li> </ul>  |  |           |  |
| <ul style="list-style-type: none"> <li>• *Check completeness and accuracy of documents based on production specifications</li> </ul>   |  |           |  |
| <ul style="list-style-type: none"> <li>• *Identify irregularity/non-conformance</li> </ul>   |  |           |  |
| <ul style="list-style-type: none"> <li>• *Set machine parameters and check peripherals according to production specifications</li> </ul>                                     |  |           |  |
| <ul style="list-style-type: none"> <li>• *Complete semiconductor production line back-end checklist/forms</li> </ul>   |  |           |  |
| <ul style="list-style-type: none"> <li>• *Follow safety procedures on handling of tools and other safety requirements using the operations manual</li> </ul>                 |  |           |  |
| <ul style="list-style-type: none"> <li>• *Check semiconductor machine basic physical condition based on specifications</li> </ul>  |  |           |  |
| <ul style="list-style-type: none"> <li>• Follow housekeeping procedures in line with 5S's discipline</li> </ul>  |  |           |  |
| <b>Analyze, Carry out and Monitor Back-end Operations for Semiconductor Production Line</b>  |  |           |  |
| <ul style="list-style-type: none"> <li>• Use appropriate PPE and ESD apparels in the performance of the job</li> </ul>   |  |           |  |
| <ul style="list-style-type: none"> <li>• Use appropriate tools and materials based on process requirements</li> </ul>  |  |           |  |
| <ul style="list-style-type: none"> <li>• *Operate/Initialize semiconductor back-end machine/equipment in accordance with work instructions and company procedures</li> </ul> |  |           |  |

|  |              |  |
|--|--------------|--|
| • *Run semiconductors back-end sample units  |              |  |
| • *Load semiconductors back-end production units   |              |  |
| • *Record semiconductor production line back-end equipment troubles/problems   |              |  |
| • *Check semiconductor back-end sample unit/production output in accordance with the product criteria/orientation and specifications   |              |  |
| • *Follow Out of Control Action Plan (OCAP), as if necessary   |              |  |
| <b>Check Quality Compliance of Back-end Operations for Semiconductor Production Line</b>   |              |  |
| • *Monitor semiconductor back-end operation  |              |  |
| • *Perform visual inspection   |              |  |
| • *Complete semiconductor back-end traceability  |              |  |
| I agree to undertake assessment in the knowledge that information gathered will only be used for professional development purposes and can only be accessed by concerned assessment personnel and my manager/supervisor. |              |  |
| <b>Candidate's Name &amp; Signature:</b>   | <b>Date:</b> |  |

NOTE: \* Critical Aspects of Competency