# SELF-ASSESSMENT GUIDE

## Qualification Title:
Semiconductor Front-of-Line (FOL) Operations NC II

### Units of Competency Covered:
- Set up Front-of-Line (FOL) Operations Workplace for Semiconductor Production Line
- Analyze, Carry out and Monitor Front-of-Line (FOL) Operations for Semiconductor Production Line
- Check Quality Compliance of Front-of-Line (FOL) Operations for Semiconductor Production Line

### Instruction:
- Read each question and check the appropriate box to indicate your answer.

### Can I? YES NO

#### Set up Front-of-Line (FOL) Operations Workplace for Semiconductor Production Line
- *Select and complete appropriate tools and materials based on process requirements and required time
- *Check quantity and quality of materials based on production specifications
- *Check completeness and accuracy of documents based on production specifications
- *Follow safety procedures on handling of tools and other safety requirements using the operations manual
- *Identify irregularity/non-conformance
- *Set and checks semiconductor front-of-line (FOL) machine parameters and peripherals based on production specifications
- *Completes semiconductor front-of-line (FOL) checklist/forms
- *Checks semiconductor front-of-line (FOL) machine basic physical condition based on specifications
- *Follows housekeeping procedures in line with 5S’s discipline

#### Analyze, Carry out and Monitor Front-of-Line (FOL) Operations for Semiconductor Production Line
- *Use appropriate PPE and ESD apparels in the performance of the job
- *Use appropriate tools/equipment and materials based on process requirements
- *Initialize/Operate semiconductor front-of-line (FOL) machine in accordance with work instructions and company procedures
- *Run semiconductors front-of-line (FOL) sample units
- *Load semiconductors front-of-line (FOL) production units
- *Record Semiconductor production line front-of-line (FOL) equipment troubles/problems
- *Follow Out of Control Action Plan (OCAP), as if necessary

### Check Quality Compliance of Front-of-Line (FOL) Operations for Semiconductor Production Line

- *Monitor semiconductor production line front-of-line operations
- *Perform visual inspection
- *Complete semiconductor production line front-of-line lot 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.

<table>
<thead>
<tr>
<th>Candidate’s Name &amp; Signature:</th>
<th>Date:</th>
</tr>
</thead>
</table>

NOTE: * Critical Aspects of Competency