

| Rule No. | RUCM Element | Petri-Net Element |
|----------|---|---|
| 1. | Initial state Title, Resource, Initial Context: -{Pre-condition} | <p>Start</p> <p>Pre-condition</p> <p>Dummy Transition</p> <p>Output Dummy Place</p> |
| 2. | Simple Basic Flow <Id><Basic Flow Sentence> -{Pre-condition} -{Post-condition} | <p>Input Dummy Place</p> <p>Pre-condition</p> <p>Basic Flow Sentence</p> <p>Output Dummy Place</p> <p>Post-condition</p> |
| 3. | Conditional Basic Flow <Id> IF {<Condition>} THEN <Basic Flow Sentence> -{Pre-condition} -{Post-condition} | <p>Input Dummy Place</p> <p>Pre-condition</p> <p>Condition</p> <p>Dummy Else</p> <p>Output Dummy Place</p> <p>Basic Flow Sentence</p> <p>Post condition</p> |
| 4. | Loop Basic Flow <Id>DO {<Condition>} WHILE <Basic Flow Sentence> -{Pre-condition} -{Post-condition} | <p>Input Dummy Place</p> <p>Pre-condition</p> <p>Condition</p> <p>Dummy Else</p> <p>Output Dummy Place</p> <p>Basic Flow Sentence</p> <p>Post-condition</p> |