|  |  |  |  |
| --- | --- | --- | --- |
| Name |  | Date |  |
| Objective | | | |
| Complete the Truth Table for each rung reference below. | | | |

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | Rung 1 |  | | START | M | | 0 |  | | 1 |  | | |  |  | | --- | --- | | Rung 3 |  | | STOP | M | | 0 |  | | 1 |  | |
| |  |  |  | | --- | --- | --- | | Rung 5 |  | | | START1 | START 2 | M | | 0 | 0 |  | | 1 | 0 |  | | 0 | 1 |  | | 1 | 1 |  | | |  |  |  | | --- | --- | --- | | Rung 7 |  | | | START1 | START 2 | M | | 0 | 0 |  | | 1 | 0 |  | | 0 | 1 |  | | 1 | 1 |  | |
| |  |  |  | | --- | --- | --- | | Rung 9 |  | | |  | SELECTOR A | SELECTOR B | M | | NC | 1 | 0 |  | | NO | 0 | 1 |  | | |  |  |  | | --- | --- | --- | | Rung 10 |  | | | STOP 1 | STOP 2 | M | | 0 | 0 |  | | 1 | 0 |  | | 0 | 1 |  | | 1 | 1 |  | |
| |  |  |  | | --- | --- | --- | | Rung 12 |  | | | STOP 1 | STOP 2 | M | | 0 | 0 |  | | 1 | 0 |  | | 0 | 1 |  | | 1 | 1 |  | |  |
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