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

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| Qualification | PRESSURIZED IRRIGATION SYSTEM INSTALLATION AND MAINTENANCE NC II | | | | | | | | | | | | | | | | | |
| Units of Competency Covered | <ul style="list-style-type: none"> • Perform installation of pumps and flow control devices • Perform installation of pipelines and water distribution devices • Perform maintenance of pressurized irrigation system | | | | | | | | | | | | | | | | | |
| Instruction: | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Read each question and check the appropriate column to indicate your answer. | | | | | | | | | | | | | | | | | | |
| Can I? | | | | | | | | | | | | | | | YES | NO | | |
| PERFORM PREPARATORY ACTIVITIES | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Enumerate information, materials and safe practices needed when installing pressurized irrigation component * | | | | | | | | | | | | | | | | | | |
| PERFORM INSTALLATION OF PUMPS AND FLOW CONTROL DEVICES | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Set-up pumps and control devices based on manufacturer's guidelines and legislative requirements * | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Check functions of pump in suction and discharge of water | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Check functions of control devices in regulating water flow | | | | | | | | | | | | | | | | | | |
| PERFORM INSTALLATION OF PIPELINES AND WATER DISTRIBUTION DEVICES | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Interpret design/plan of pipelines (i.e. pipeline lay-outing, pressure, detailed plan of fittings) and water distribution devices * | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Demonstrate staking or markings | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Demonstrate installation of pipelines and water distribution devices (manifolds, control valves drip, emitter) * | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Perform flushing (physical removal of residues/sediments) function of installed pipelines and water distribution devices * | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Test-run functionality of pipelines and water distribution devices; and make necessary adjustments * | | | | | | | | | | | | | | | | | | |
| PERFORM MAINTENANCE OF PRESSURIZED IRRIGATION SYSTEM | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Demonstrate de-clogging and cleaning * | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Perform minor repair and replace damaged part, if necessary * | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Test-run/countercheck repairs made, if any * | | | | | | | | | | | | | | | | | | |
| PERFORM POST-ACTIVITIES | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Clean used tools/equipment after performing tasks * | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Evaluate performance on installed pressurized irrigation components * | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Record operational problems and scope of activities done; and make recommendation | | | | | | | | | | | | | | | | | | |
| <ul style="list-style-type: none"> • Dispose wastes materials following environmental regulations | | | | | | | | | | | | | | | | | | |

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| • Practice good housekeeping after performing tasks * | | |
| • Practice safety measures in performing tasks following OSH and Electrical Safety Standards | | |
| I agree to undertake assessment with 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. | | |
| Candidate's Name and Signature | Date | |