

**COMPETENCY ANALYSIS PROFILE**

**Drywall, Acoustic and Lathing Applicator – 451A**

*(All unshaded skill sets must be demonstrated/completed)*

**SKILL SETS**

**SKILLS**

|   |  |  |   |   |   |
|---|--|--|---|---|---|
| <b>PROTECT SELF AND OTHERS</b><br><br><br><br><br><br><br><b>4315.0</b> | Comply with safety directives provided in legislation and regulations<br><br><br><br><br><br><br>4315.01 | Report hazardous conditions<br><br><br><br><br><br><br>4315.02     | Wear and maintain approved personal protective equipment<br><br><br><br><br><br><br>4315.03 | Practice good housekeeping<br><br><br><br><br><br><br>4315.04                   | Work within safe physical limits<br><br><br><br><br><br><br>4315.05                       |
|   | Use and maintain hand and power tools and equipment<br><br><br><br><br><br><br>4315.06                   | Practice fire safety procedures<br><br><br><br><br><br><br>4315.07 | Apply basic first aid and cardio-pulmonary resuscitation<br><br><br><br><br><br><br>4315.08 | Erect swing stages and suspended scaffolding<br><br><br><br><br><br><br>4315.09 | Wear an approved safety harness and attach a life line<br><br><br><br><br><br><br>4315.10 |
|   | Ensure proper ventilation during welding and application of adhesives<br><br><br><br><br><br><br>4315.11 | Store welding cylinders<br><br><br><br><br><br><br>4315.12         |   |   |   |

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|---|--|--|--|--|---|
| <b>PREPARE JOB</b><br><br><br><br><br><br><br><b>4316.0</b> | Read, interpret, and apply blueprints and specifications for job layout<br><br><br><br><br><br><br>4316.01 | Communicate with other trades<br><br><br><br><br><br><br>4316.02 | Verify and organize materials<br><br><br><br><br><br><br>4316.03 | Identify or establish and work from grid lines and elevations<br><br><br><br><br><br><br>4316.04 | Select, use, and maintain approved tools and equipment<br><br><br><br><br><br><br>4316.05 |
|   | Select and operate computers<br><br><br><br><br><br><br>4316.06  |  |  |  |   |

## DRYWALL, ACOUSTIC AND LATHING APPLICATOR

### **SKILL SETS**

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|   |  |   |   |  |   |
|---|--|---|---|--|---|
| <b>ERECT<br/>EXTERIOR<br/>STRUCTURAL<br/>STEELS STUDS<br/>AND SHEATHING<br/><br/>4317.0</b>             | Lay out exterior walls<br><br>4317.01  | Lay out and install doors and windows<br><br>4317.02                    | Cut and install exterior sheathing<br><br>4317.03               | Fabricate and install sections on site<br><br>4317.04  | Install off-site fabricated panels and trusses<br><br>4317.05 |
|   | Set-up and use electrical welding equipment<br><br>4317.06                             | Select and apply specific electrodes<br><br>4317.07                     |   |  |   |
| <b>ERECT LIGHT<br/>GAUGE<br/>RESIDENTIAL<br/>STEEL STUDS<br/>AND<br/>SHEATHING<br/><br/>4318.0</b>      | Install floor framing<br><br>4318.01   | Erect and install walls<br><br>4318.02                                  | Apply energy-efficient construction techniques<br><br>4318.03   | Construct and install equal slope roofs<br><br>4318.04 | Construct and install unequal slope roofs<br><br>4318.05      |
|   | Install pre-engineered site-built or manufactured roof trusses<br><br>4318.06          |   |   |  |   |
| <b>INSTALL SHAFT<br/>WALL SYSTEMS<br/><br/>4319.0</b>   | Select metal components for specific installations<br><br>4319.01                      | Lay out and install components<br><br>4319.02                           | Seal the perimeter and joints<br><br>4319.03                    | Apply exterior finish board<br><br>4319.04             |   |
| <b>APPLY<br/>THERMAL<br/>INSULATION,<br/>SOUND<br/>INSULATION,<br/>AND FIRE<br/>STOPPING<br/>4320.0</b> | Select required thermal insulation, sound insulation, and fire stopping<br><br>4320.01 | Select fastening methods<br><br>4320.02                                 | Install insulation or sound attenuation blankets<br><br>4320.03 | Install vapour barriers<br><br>4320.04                 | Seal vapour barriers<br><br>4320.05                           |
|   | Apply fire stop systems<br><br>4320.06   | Lay out, fabricate, and install baffles of various types<br><br>4320.07 |   |  |   |

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|--|--|---|--|---|---|
| <b>INSTALL<br/>PARTITION<br/>WALLS AND<br/>FURRING<br/><br/>4321.0</b>                   | Lay out the size and location of partitions<br><br>4321.01 | Fasten the floor and ceiling tracks<br><br>4321.02                    | Select the required hollow metal door and window frames<br><br>4321.03   | Install stud plumb and level<br><br>4321.04       | Install hollow metal frames<br><br>4321.05                      |
|  | Install stiffeners and braces<br><br>4321.06               | Apply backing<br><br>4321.07  | Lay out and install furring<br><br>4321.08                               |   |   |
| <b>INSTALL LATH<br/><br/>4322.0</b>  | Install various type of channels<br><br>4322.01            | Install hangers and ties<br><br>4322.02                               | Erect furring and carrying channels<br><br>4322.03                       | Select, measure, and install lath<br><br>4322.04  | Install lath accessories<br><br>4322.05                         |
|  |  |   |  |   |   |
| <b>INSTALL<br/>DRYWALL<br/><br/>4323.0</b>   | Select properly dimensional wall-board<br><br>4323.01      | Determine the starting point for wallboard application<br><br>4323.02 | Lay out and install lead-lined drywall or X-ray shielding<br><br>4323.03 | Apply wallboard to curved surfaces<br><br>4323.04 | Apply a second layer of wallboard over the first<br><br>4323.05 |
|  | Apply trims<br><br>4323.06                                 | Caulk studs, seams, joints, and tracks<br><br>4323.07                 |  |   |   |
| <b>INSTALL<br/>MOULDED<br/>FORMS, CAST<br/>FORMS, AND<br/>FORM GLASS<br/><br/>4324.0</b> | Select a method of fastening and suspending<br><br>4324.01 | Furr out for the application of cast forms<br><br>4324.02             | Apply cast panels, cornices, mouldings, and form glass<br><br>4324.03    |   |   |

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|   |   |  |  |  |   |
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| <b>INSTALL<br/>CEILING<br/>SYSTEMS</b><br><br><b>4325.0</b>   | Identify and select the ceiling type and its components<br><br>4325.01        | Select and install fasteners and hangers<br><br>4325.02  | Install ceiling suspensions<br><br>4325.03                             | Determine and install suspended bulkheads and soffits<br><br>4325.04 | Apply drywall, acoustic, and other specified materials<br><br>4325.05 |
|   | Fabricate and install access panels<br><br>4325.06                            | Layout and install strapping, furring, and ceiling patterns of non-suspended ceilings<br><br>4325.07 |  |  |   |
| <b>INSTALL<br/>ACCESS<br/>FLOORING</b><br><br><b>4326.0</b>   | Lay out access flooring<br><br>4326.01  | Position adjustable metal pedestals in a line<br><br>4326.02   | Install and fasten metal grid runners between pedestals<br><br>4326.03 | Cut and install access floor panels into the grid<br><br>4326.04     | Measure, cut, and adhere vinyl baseboard mouldings<br><br>4326.05     |
|   | Install and secure pre-fabricated ramps, stairs, and handrails<br><br>4326.06 |  |  |  |   |
| <b>ERECT DE-MOUNTABLE<br/>PARTITIONS</b><br><br><b>4327.0</b> | Prepare for job<br><br>4327.01  | Install pre-finished tracks<br><br>4327.02   | Lay out and frame rough openings<br><br>4327.03                        | Apply pre-finished panels<br><br>4327.04                             | Install components, trim, and accessories<br><br>4327.05              |
| <b>ENCASE<br/>ASBESTOS</b><br><br><b>4328.0</b>               | Identify asbestos and notify the appropriate authorities<br><br>4328.01       | Protect self and others from asbestos hazard<br><br>4328.02  | Remove all loose or flaky asbestos material<br><br>4328.03             | Encase beams and areas<br><br>4328.04                                | Clean the area<br><br>4328.05   |
|   | Perform the required personal cleaning procedures<br><br>4328.06              |  |  |  |   |