

# SHEET METAL WORKER

## First-year Apprentice Learning Plan

**Please indicate in the appropriate course column the skills to be focused on in this 125-hour course.  
Feel free to add skills specific to your work site.**

Trade Skills and Tasks	RAP 15 125 hrs	RAP 25A 250 hrs	RAP 25B 375 hrs	RAP 25C 500 hrs	RAP 35A 625 hrs	RAP 35B 750 hrs	RAP 35C 875 hrs	RAP 35D 1000 hrs
	RAP 4232	RAP 5232	RAP 5233	RAP 5234	RAP 6232	RAP 6233	RAP 6234	RAP 6235
Demonstrates basic calculation and measurement specific to trade (metric/imperial)								
Demonstrates appropriate use of hand and power tools								
Identifies, selects and uses appropriate materials								
Demonstrates proper layout of simple sheet metal parts								
Installs, utilizes and removes material and personal handling devices								
Secures or seals components using various cementing, gluing or sealing agents								
Joins parts using sheet metal seams								
Secures materials using mechanical fasteners								
Assembles and installs ductwork and equipment for HVAC or dust and fume collecting systems								
Cuts metal parts using plasma arc								
Joins materials using spot-welding equipment								
Welds metal parts using a variety of welding methods								
Forms and fabricates parts and components								
Fabricates material handling equipment								
Fabricates a variety of specialty sheet metal products								
Installs sheet metal roofing and related flashing								
Installs breeching and logging								

**Note:** These skills and tasks are taken directly from the *Apprenticeship and Industry Training Record Book* (Blue Book) as a general guideline of the training required for a first-year RAP student.

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Employer's Signature

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Student's Signature

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Off-campus Coordinator's Signature