

1. Title	Perform basic fabrication of metallic air ducts
2. Code	EMACIN101A
3. Range	Perform basic fabrication of metallic air ducts at production or installation sites.
4. Level	1
5. Credit	3
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of typical air-conditioning metals, tools and instruments</p> <ul style="list-style-type: none"> ◆ Understand the types and properties of typical air-conditioning metals ◆ Understand the methods of using typical air-conditioning tools and instruments ◆ Understand the fabrication methods of typical metallic air ducts ◆ Understand the code of safety and practice for the fabrication of metallic air ducts <p>6.2 Basic methods and procedures of fabricating metallic air ducts</p> <ul style="list-style-type: none"> ◆ Identify galvanized steel sheet, stainless steel sheet and aluminium sheet correctly ◆ Use snips, riveter, hammer, leveller, tape rule, steel rule, shear machine for simple fabrication work ◆ Fabricate straight rectangular air duct and square bend ◆ Use single seam method to join two sections of straight rectangular air ducts <p>6.3 Professionalism in basic fabrication of metallic air ducts</p> <ul style="list-style-type: none"> ◆ Perform basic fabrication of metallic air ducts according to the code of safety
7. Assessment Criteria	<p>The integrated outcome requirement of this unit of competency is:</p> <p>(i) Capable to complete basic fabrication of metallic air ducts systematically, efficiently and safely.</p>
8. Remarks	This unit of competency is applicable to practitioners of air duct installation in general.