

**Specification of Competency Standards**  
**for the Printing and Publishing Industry**  
**Unit of Competency**

1. Title	Understand structure of printing materials
2. Code	PPPRMT301A
3. Level	3
4. Credit	6
5. Competency	<p style="text-align: right;"><u>Performance Requirements</u></p> <p>5.1 Understand structure of major printing materials (paper, printing ink, solvent, plate material, polymer) ♦ Understand physical structure and chemical reaction of major printing materials</p> <p>5.2 Know printability and relationship between printing materials (paper, printing ink, solvent, plate material, polymer) ♦ Know printability of printing materials</p> <p>5.3 Assist in printing material test ♦ Assist in testing printing materials with testing instruments based on the physical and chemical properties of major printing materials, their printability and mutual relationship</p>

6. Range	Assist in testing printing materials with testing instruments and perform related tasks in printing production department.
7. Assessment Criteria	The integrated outcome requirements of this unit of competency are: (i) Able to assist in testing printing materials with testing instruments.
8. Remarks	The credit value of this unit of competency is based on the assumption that the learner has general knowledge of printing materials.