

1. Title	Perform basic tests for drainage system installations	
2. Code	EMPDIT203A	
3. Range	Perform basic tests for drainage system installations at installation or repair sites.	
4. Level	2	
5. Credits	4	
6. Competency	<p style="text-align: center;"><u>Performance Requirements</u></p> <p>6.1 Knowledge of basic tests for drainage system installations</p> <ul style="list-style-type: none"> ◆ Understand basic methods of inspecting and testing drainage system installations, including static check, dynamic test and pressure test, etc. ◆ Understand the uses and applications of basic testing instruments and tools <ul style="list-style-type: none"> • Pressure gauge • Flow meter • Noise meter • Pressure test pump ◆ Understand basically the testing requirements of local regulations and international standards on all kinds of drainage systems and installations <p>6.2 Methods and procedures of basic tests for drainage system installations</p> <ul style="list-style-type: none"> ◆ Master basic procedures of testing drainage system installations ◆ Prepare the testing instruments according to instructions ◆ Perform basic tests for drainage system installations under instruction, including: <ul style="list-style-type: none"> • Using a pressure gauge to measure static and operating pressure of the drainage system • Using a flow meter to measure the water flow rate of the drainage system • Using a noise meter to measure the noise level of the drainage system • Using a pressure test pump to conduct pressure test for leakage detection ◆ Use basic workshop equipment and tools for drainage system installation contractors <p>6.3 Handling of basic tests for drainage system installations</p> <ul style="list-style-type: none"> ◆ Perform basic tests for drainage system installations according to instructions ◆ Undertake basic tests for drainage system installations according to the code of practice of the trade 	

7. Assessment Criteria	The integrated outcome requirement of this unit of competency is: (i) Capable to undertake basic tests for drainage system installations safely according to the code of practice of the trade.
8. Remarks	This unit of competency is applicable to practitioners of drainage system installation, repair and commissioning in general.