

| | | | |
|---------------|--|--|--|
| 1. Title | Inspect and test hydraulic platforms | | |
| 2. Code | EMPEIT302A | | |
| 3. Range | Inspect and test hydraulic platforms in general industrial plants, power plants or other places. | | |
| 4. Level | 3 | | |
| 5. Credits | 3 | | |
| 6. Competency | <p style="text-align: center;"><u>Performance Requirements</u></p> | | |
| | 6.1 | Operating principle of hydraulic platforms | <ul style="list-style-type: none"> ◆ Understand the operating principle of hydraulic platforms ◆ Understand the cycle of inspecting and testing hydraulic platforms ◆ Know code of safety for work at hydraulic platforms ◆ Prepare the resources and worksite for inspecting and testing <ul style="list-style-type: none"> • Power supply • Tools such as pressure gauge, etc. • Safety equipment • Document record |
| | 6.2 | Methods and procedures of inspecting and testing hydraulic platforms | <ul style="list-style-type: none"> ◆ Operate the hydraulic platform according to guidelines ◆ Inspect and test all parts of the hydraulic platform according to guidelines, including: <ul style="list-style-type: none"> • Oil hydraulic pump • Hydraulic valves • Power cylinders • Reinforced supporting frame ◆ Observe and inspect the operation of hydraulic platforms according to the standards, and evaluate the inspection results properly ◆ Record the results of commissioning and testing according to guidelines |
| | 6.3 | Professionalism in inspecting and testing hydraulic platforms test | <ul style="list-style-type: none"> ◆ Follow the requirements of practical guidelines and procedures to inspect and test hydraulic platforms ◆ Inspection and testing of hydraulic platforms must be performed according to work safety requirements and practical guidelines |

| | |
|------------------------|--|
| 7. Assessment Criteria | <p>The integrated outcome requirements of this unit of competency are:</p> <ul style="list-style-type: none"> (i) Capable to explain the procedures of inspecting and testing hydraulic platforms; (ii) Capable to complete the whole process of inspecting and testing hydraulic platforms independently; (iii) Capable to complete simple reports on the inspection and testing of hydraulic platforms; and (iv) Capable to clearly report the testing result. |
| 8. Remarks | <p>The credit value of this unit of competency is set on the presumption that the person already possesses basic knowledge of hydraulic platform operation and is familiar with the operation and use of various types of inspection equipment and tools.</p> |