

Plumbing Engineering

Voluntary Scheme in Enhancing Plumbing Works Control Stage 2 – Provisional of Site Supervision Team for Large-scale Plumbing Works

Minimum Qualifications and Experience Requirements for Authorized Representative (AR) in Site Supervision Team :

Qualifications	Relevant Experience	Remarks
<p><u>Normal Route :</u></p> <p>(i) Grade I plumber's licence ; and (ii) Higher diploma at Qualifications Framework Level 4 (QF4) or equivalent in relevant field [See Note 1] which contains 8 numbers of Units of Competency relevant to plumbing project management (the Required UoCs) [See Note 2]</p> <p>If the academic qualification does not possess the required UoCs, attainment on the Required UoCs via Recognition of Prior Learning (RPL) [See Note 3] is also accepted.</p>	<p>6 years' experience in supervising plumbing works</p>	
or		
<p><u>Alternative Route :</u></p> <p>(i) Grade I plumber's licence; and (ii) Attainment of RPL qualification (Electrical & Mechanical Services Industry) in Plumbing Engineering (Project Management) (QF Level 4)</p>	<p>10 years' enactment of the experience in supervising plumbing works</p>	<p>These alternative routes are only available within 2 years after enactment of the revised WWO. Nevertheless, Practitioner who takes either alternative route to become an AR is still eligible to be the AR after the period.</p>

Note 1 The academic qualification shall be plumbing engineering, building services engineering, electrical engineering or mechanical engineering. Other fields relating to building such as fire engineering, architectural studies, building studies, building surveying or civil engineering are also considered as relevant field.

Note 2

The Required UoCs are stated below:

UoC Code	Title
EMPDPM401A	Perform basic engineering project management
EMPDPM403A	Coordinate basic construction techniques
EMPDOM401A	Perform operation management
EMCUQM402A	Implement quality management in electrical and mechanical engineering services
EMCUQM403A	Promote quality management culture at working level
EMCUQM404A	Conduct site survey and quality control
EMPDIN401A	Formulate and monitor water supply system equipment installation procedures
EMPDIN406A	Supervise plumbing equipment installation

For details of UoCs for E&M Services – Plumbing Engineering, please see <https://www.hkqf.gov.hk/en/scs/scs/index.html>.

Note 3 The RPL qualification (Electrical & Mechanical Services Industry) in Plumbing Engineering (Project Management) (QF Level 4) has been launched in November 2021. For details, please refer to <https://rpl.vtc.edu.hk/em-services/category/13-em-services>