

SMALL VESSEL WORKSHOP TRAINING (LEARNING) OUTCOMES

MSQ unit	Learning outcome	Hours	Mandatory	Optional (sea service allowance)
27 Electrical	a) Understand the dangers of working on electrical equipment	4	√	
	b) Know the immediate actions to take in the event of electric shock	2		√
	c) Know the main terminology and typical layout of marine electrical distribution systems	6	√	
28 Fitting	a) Produce components using hand fitting techniques	30	√	
	b) Know how to produce components using hand fitting	20		√
67 Plant maintenance	a) Be able to undertake assembly activities safely	3	√	
	b) Able to safely use hand and corded/air powered power tools	2		√
	c) Be able to dismantle marine plant and carry out internal inspections	18	√	
	d) Be able to replace or manufacture items to replace worn components	3	√	
	e) Know the theory for the safe	4		√

	operation of marine plant			
	f) Know how to maintain refrigerant systems	4	√	
	g) Know how to recover refrigerant and prepare for disposal	2	√	
82 Plumbing	a) Form and assemble pipework systems	24		√
	b) Know how to form and assemble pipework systems	12		√
TOTAL		134	70 hrs	64