

Job 3b New connection of MP Service Assessor Checklist

LFSEPEPA Service entry points

SLOCEPA Service laying open cut

SLMMCEPA Metallic mains connection

SLTCMPEPA Testing and Commissioning MP

Apprentice Name:	Apprentice No:		
Date:	Assessor Name:		
General	Pass	Fail	
Works safely and ensures compliance with health, safety, environment and other regulations and guidelines			
Carries out site specific risk assessment, and reviews in accordance with company procedures			
Selects and wears the designated PPE and ensure all site-specific safety equipment is deployed			
Service Laying - Service entry points	Pass	Fail	
Positions the service with minimum damage to the property with no affect to fire resistance or to damp proof courses			
Checks the condition and position of any meter box to ensure compliance with procedures			
Assesses the location of the meter installation to ensure it complies with procedural requirements			
Connects the service pipe to the house entry tee or meter box in accordance with procedures			
Connects the emergency control valve in accordance with procedures			
Service Laying – Open Cut	Pass	Fail	
Selects the appropriate sized service pipe for the work activity			

Recognises the requirement for laying services in open trench and understands other methods that could be used such as approved service pipe ducting, and impact moleing		
Determines the effective pressure loss for a given diameter and length of service pipe		
Confirms the service pipe is of a suitable diameter to supply the property		
Determines the allowable proximity distances from other plant and structures		
Determines the depth of cover requirements for both LP and MP gas services		
Determines the route a service pipe should take from the main to the property		
Lays the service pipe in line with procedures		
Service Laying - Metallic Mains connection – Part b	Pass	Fail
Removes the drill head and then installs the carrier spindle and required fitting and then locates the head in a similar manner to that of the drilling head keeping the gate valve closed.		
Opens the gate valve, lower the fitting and screw into the tapped hole until hand tight		
Depresses the vent button until all the pressure has been released, slacken the gland nut and remove the fitting head in accordance with procedures		
Releases the chain and remove the machine base from the main.		
Removes any swarf from the rubber seal and fully tighten the fitting to the correct alignment		
Ensures the fitting is gas tight and checked with approved leak detection fluid		
Service laying - Medium pressure testing, purging and commissioning	Pass	Fail
Determines the testing requirements for medium pressure services		
Selects the appropriate type of test gauge for the test		
Assembles the test equipment used for medium pressure service testing in accordance with procedures		

The MP test is from the main to the inlet valve of the service governor, which must be open and capped		
Recognises where boundary regulators are encountered that the LP side must be tested as an LP service		
Introduces air in to the service until the 3 bar test pressure is achieved		
Tests the service for 5 minutes duration ensuring no perceptible pressure drop		
Checks all exposed joints with leak detection solution		
Ensures the test pressure is released from the end of the service opposite to where the test apparatus was connected in order to prove the whole service was tested and free from blockages		
Ensures care is taken when releasing the pressure so as to prevent an injury occurring		
Prepares for commissioning through the provision of a purge hose and flame trap fitted at the inlet valve of the service governor - this must vent to an appropriate position outside the building		
Ensure a suitable communication system is in place between the person at the main and at the inlet valve to the service governor		
Calculates the purge time as one second for each metre length of service pipe not greater than 32 mm diameter, and four seconds for each metre length for a 63 mm diameter service.		
On PE connections- drills the main with the integral cutter and fully withdraws it into the tapping tee		
On metallic connections – withdraws the internal plug in to the top of the service tee		
Completes the purge, close the inlet valve of the service governor and allow the service to pressurise.		
Checks the operation of the SEFV in accordance with company procedures		
Where a meter is not to be immediately connected, the emergency control valve is closed the handle secured to make it inoperable.		
Completes the purge, removes all equipment, cap the emergency control valve in the closed position		

Confirms the cap on the tapping tee is securely tightened and leak detection fluid applied		
All records are completed accurately		
Feedback		
Feedback (including any evidence towards a distinction grade)		
Overall Result	Pass / Fail	
Assessor Signature	Date	
Apprentice Signature	Date	