



GAS TESTING & PURGING (NON-DOMESTIC)



CP16/
Job Number

1066 PHD Ltd
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1066 PHD LTD
NO PROBLEMS JUST SOLUTIONS

Site Details			Engineer Details	
Name			1066 PHD Ltd Gas Safe Reg. No.	629902
Address			Gas Safe License No:	
Post Code			Engineer Name:	
Site Contact		Signature	Position Held:	
Contact No.			Date of Visit:	

STRENGTH TEST DETAILS	
State test method Pneumatic (P) or Hydrostatic (H)	
Installation - New (N) - New Extension (NE) - Existing (E)	
Have components not suitable for strength testing been removed or isolated from installation as necessary (Yes/No)	
Calculated strength test pressure (STP) (mbar/bar)	
Test medium - air, nitrogen, water, (hydrostatic test) etc	
Stabilisation period (minutes)	
Strength test duration (STD) (minutes)	
Permitted pressure drop (%STP)	
Calculated pressure drop (mbar/bar)	
Findings	
Actual pressure drop (mbar/bar)	
Strength test Pass or Fail	

PURGING PROCEDURE DETAILS	
Has a risk assessment been carried out? Yes/No	
Has a written procedure for the purge been prepared? Yes/No/N/A	
Have 'NO SMOKING' signs etc been displayed as necessary?	
Have persons in the vicinity of the purge been advised accordingly?	
Have all appropriate valves to and from the section of pipe been labelled?	
Where Nitrogen gas is being used for an indirect purge have the gas cylinders been checked/verified for their correct content?	
Are suitable fire extinguishers available in case of an incident?	
Are two way radios (intrinsically safe) available? (Yes/No)	
Are all electrical bonds fitted as necessary?	
Calculate purge volume Gas Meter (m3)	
Installation pipework & fittings (m3)	
Total purge volume (m3)	
Is gas detector/oxygen measuring device as appropriate intrinsically safe?	
Findings	
Carry out purge noting final test criteria readings (O2% or LFL%)	
Purge Pass or Fail	

TIGHTNESS TEST DETAILS	
Gas type Natural Gas (NG) Liquefied Petroleum Gas (LPG)	
Installation - New (N) New Extension (NE) Existing (E)	
Could weather/changes in temperature affect test? Yes/No	
Meter type (Diaphragm, Rotary etc)	
Meter designation (U16, U40, P7 etc)	
Meter bypass installed? Yes/No	
Installation volume (IV) Gas meter (m3)	
Installation pipework & fittings (m3)	
Total IV (m3)	
Test medium - fuel, gas, air	
Tightness test pressure (TTP) mbar/bar	
Pressure Gauge type (water, high SG, electronic etc)	
Maximum permitted leak rate (MPLR) m3/hr	
Let-by test period existing installations (minutes)	
Stabilisation period (minutes)	
Tightness test duration (TTD) (minutes)	
Any inadequate ventilated areas to check? Yes / No	
Is barometric pressure correction necessary? Yes / No	
Findings	
Actual pressure drop (if any) mbar	
Actual leak rate m3bar	
Have inadequately ventilated areas been checked? Yes / No	
Tightness test Pass or Fail	

DETAILS OF WORKS CARRIED OUT/REMEDIALS REQUIRED	

DECLARATION OF GAS SAFETY	
I confirm that all of the above work described on this form has been satisfactorily completed in accordance with the current Gas Safety (Installation & Use) Regulations, industry standards and procedures.	
Gas Operative's Signature:	Responsible person's signature:
<i>Attention: Where additional safety checks have been necessary to ensure the gas system is safe, the responsible person has been informed and has accepted the results, the installation has been left operational.</i>	

INDICATE WORK UNDERTAKEN:	
Strength test	Tightness test
Purge	
A copy of this form has been emailed to:	Copy declined: Yes: <input type="checkbox"/> No: <input type="checkbox"/>

NOTIFICATION OF UNSAFE GAS INSTALLATION	
I confirm that all of the information described on this form has been satisfactorily completed in accordance with the current Gas Safety (Installation & Use) Regulations, industry standards and procedures. However, an unsafe gas installation has been identified, details of which are listed on a separate Warning / Advice Notice.	
Gas Operative's Signature:	Responsible person's signature: