

**Maintenance (Boiler house and fuel tanks) – Risk Assessment Template No. 40 (List additional hazards, risks and controls particular to your school using Template No.74)**

Hazards	Is the hazard present? Y/N	What is the risk?	Risk rating H = High M = Medium L = Low	Control measures	Is this control in place? Y/N	If no, what actions are required to implement the control?	Person responsible	Date action completed
Flammable gas or oil		Asphyxiation	L	Gas detectors are in place with automatic shut off (gas boiler only)				
		Fire	H	Gas detectors are serviced annually				
		Gas Explosion	L	The fire detection system in the boiler house is linked to main alarm system and serviced annually				
		Burns	H	If a smell of gas is detected the gas supplier is notified Contact number is readily available				
			H	Smoking in or near the boiler room is prohibited				
			H	A hot work permit is operated for all work in the vicinity of the boiler room, oil tank or gas tank				
			H	The boiler (any type) is serviced annually by a competent person and service records are maintained at the school				
Pressure			H	In the case of a steam boiler or a pressurised hot water boiler (temperature 112° C or more) it must be examined by a competent person once in every period of 14 months				
Heating oil burner fires		Burns	M	A fire valve system should be fitted so as to cut off the supply of oil remotely from the heating appliance in the event of an accidental fire occurring in or around the appliance				
		Asphyxiation	M	The oil fired boiler has an automatic extinguisher hanging on a rigid bar over the burner				
		Fire	H	Extinguisher serviced annually				
Trip, falls			L	Safe access is provided to boiler house				
			M	Where there is risk of falls from height from the boiler, safe means of access is provided to those parts				
Access by unauthorised persons			M	Unauthorised persons are not permitted in the vicinity of the boiler room or fuel storage tanks				

**Maintenance (Boiler house and fuel tanks) – Risk Assessment Template No. 40 – cont'd. (List additional hazards, risks and controls particular to your school using Template No.74)**

Hazards	Is the hazard present? Y/N	What is the risk?	Risk rating H = High M = Medium L = Low	Control measures	Is this control in place? Y/N	If no, what actions are required to implement the control?	Person responsible	Date action completed
Accessibility to fuel storage tank		Slips, trips, falls	L	If the oil tank is filled from the top, the opening is safely accessible (e.g. person delivering oil does not have to balance on a wall to reach)				
		Fire Explosion	H	Oil or gas tank is provided with an adequate barrier to prevent it being struck by a vehicle and is adequately locked and secured against vandalism or tampering				
Unsafe storage of materials adjacent to boiler		Fire Trip, fall Explosion	H	Combustible materials such as waste, furniture or cardboard are not stored in boiler room or in close proximity to fuel storage tanks				
Wood pellet stores		Asphyxiation	H	Access to hoppers and stores are restricted for safety reasons  Access doors and lids are capable of being secured  A safety warning notice relating to the dangers of wood pellet storage is provided adjacent to the access point				
		Fire	H	With automated fuel feed systems, there is a risk of fire burning back from the boiler to the fuel store. To prevent this, there is an interruption to the fuel-transport system (e.g. a star-feeder or chute for the fuel to fall into the boiler)				

If there is one or more **High Risk (H)** actions needed, then the risk of injury could be high and immediate action should be taken. **Medium Risk (M)** actions should be dealt with as soon as possible. **Low Risk (L)** actions should be dealt with as soon as practicable.

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**Risk Assessment carried out by:** \_\_\_\_\_

**Date:**    /    /