

Question 8.4 – What was the source of ignition?

Select the option that best describes the appliance, installation or other source of ignition.

- If more than one appliance is involved, identify the most likely item.
- If source is a spread from secondary fire, select 'spread from secondary fire'. (A secondary fire is an incident that did not occur at a primary location, was not a chimney fire in an occupied building, did not involve casualties (otherwise categorised as a Primary incident) and was attended by four or fewer appliances).
- If recording a multi-use appliance e.g. Aga, Rayburn etc, describe the mode of use at the time
- Matches, lighters etc are obvious sources of ignition, but if another item is used as an intermediary between the match/lighter and the item first ignited (Q8.6), then the source of ignition is that intermediary.

I.e. if a match is used to light a piece of paper, which in turn is used to set light to a carpet, then the **lit paper is the source of ignition.**

Note: The option selected in this question is used to restrict the options available for the 'Source of Ignition Power Q8.5.

Main source of ignition		GUIDANCE
Cooking appliance	Cooker incl. oven	<i>Includes hob/cooker top/ring, oven and grill</i>
	Ring/hot plate (separate appliance)	<i>Separate appliance only</i>
	Microwave oven	Next question 8.5 will be defaulted to 'electric'
	Grill/toaster	<i>Separate appliances only</i>
	Barbecue	
	Camping stove	
	Deep fat fryer	<i>Domestic fryer only</i>
	Other cooking appliance	<i>e.g. commercial deep frying range, commercial appliances</i>
Matches and candles	Matches	Next question 8.5 will be defaulted to 'not applicable'

Main source of ignition		GUIDANCE
	Candles	Next question 8.5 will be defaulted to 'not applicable' <i>Includes tea lights</i>
Smoking Related	Cigarette lighter	Next question 8.5 will be defaulted to 'not applicable'
	Smoking materials	Next question 8.5 will be defaulted to 'not applicable' <i>Includes cigarettes, cigars and tobacco</i>
	Oil/incense burners	Next question 8.5 will be defaulted to 'not applicable'
Other domestic style appliance	Fridge/Freezer	
	TV	Next question 8.5 will be defaulted to 'electric'
	Audio equipment	Next question 8.5 will be defaulted to 'electric'
	PC equipment (domestic use)	Domestic PC equipment only Next question 8.5 will be defaulted to 'electric'
	Video/DVD	Next question 8.5 will be defaulted to 'electric'
	Other electrical visual equipment	<i>Incl. CCTV, TV satellite receiver</i> Next question 8.5 will be defaulted to 'electric'
	Washing machine	Next question 8.5 will be defaulted to 'electric'
	Tumble dryer	Next question 8.5 will be defaulted to 'electric'

Main source of ignition		GUIDANCE
	Washer/Dryer combined	Next question 8.5 will be defaulted to 'electric'
	Vacuum cleaner	Next question 8.5 will be defaulted to 'electric'
	Iron	Next question 8.5 will be defaulted to 'electric'
	Trouser press	Next question 8.5 will be defaulted to 'electric'
	Extractor fan	Next question 8.5 will be defaulted to 'electric'
	Dishwasher	Next question 8.5 will be defaulted to 'electric'
	Electric blanket	Next question 8.5 will be defaulted to 'electric'
	Hair dryer	Next question 8.5 will be defaulted to 'electric'
	Electric kettle	Next question 8.5 will be defaulted to 'electric'
	Blow lamp/Paint remover	
	Battery charger	Next question 8.5 will be defaulted to 'electric' <i>Includes mobile phone charger</i>
	Spin dryer	Next question 8.5 will be defaulted to 'electric'
	Gardening equipment	<i>Incl. mowers, trimmers, shredders, chain saws</i>
	Other domestic style appliance	
Electric Lighting	Fairy lights	Next question 8.5 will be defaulted to 'electric'

Main source of ignition		GUIDANCE
	Spot lights	Next question 8.5 will be defaulted to 'electric'
	Other incandescent light bulbs	Next question 8.5 will be defaulted to 'electric'
	Fluorescent lights	Next question 8.5 will be defaulted to 'electric' <i>Includes strip, neon, special effects lighting</i>
	Other lights	<i>Incl. night light plug, optic fibres</i>
Heating equipment	Heater/Fire	<i>Incl. open fire</i>
	Patio equipment	
	Central heating/hot water	
	Other heating equipment	
	Separate water heating	
	Food warming equipment (not cooking)	<i>Hostess trolley, warming cabinets, nightlight/candle warming devices</i>
	Power source	
Electricity supply	Apparatus – batteries, generators	<i>Inc. meter, fuse, junction box</i>
	Wiring, cabling, plugs	
Office equipment	Copiers/Printers	Next question 8.5 will be defaulted to 'electric'
	Vending equipment	Next question 8.5 will be defaulted to 'electric'
	PC	Next question 8.5 will be defaulted to 'electric' <i>Computers only</i>
	Other computer equipment	Next question 8.5 will be defaulted to 'electric'
	Telephone/Answering machine/Fax machine	Next question 8.5 will be defaulted to 'electric'
Industrial equipment	Kiln, oven, furnace	<i>Includes forge cupola</i>
	Dryer	<i>Includes grain/grass dryer</i>
	Manufacturing equipment	
	Welding/Cutting equipment	
	Lift	<i>Incl. dumb waiter, invalid lift, stair lift</i>

Main source of ignition		GUIDANCE
	Other	
Chimney		Next question 8.5 will be defaulted to 'not applicable' <i>Incl. central heating boiler, combustion stove/range, domestic fire</i>
Spread from secondary fire		Next question 8.5 will be defaulted to 'not applicable'
Vehicles only	Electrical fault	Next question 8.5 will be defaulted to 'electric'
	Engine, fuel line or pump	Next question 8.5 will be defaulted to 'not applicable' <i>Includes combustion chamber, flywheel, camshaft, blowback from carburettor, backfire from engine, sparks from engine, fuel injection</i>
	Wheels or brakes	Next question 8.5 will be defaulted to 'not applicable' <i>Includes brakes, wheel/axle bearings</i>
	Other non-electrical	Next question 8.5 will be defaulted to 'not applicable' <i>Includes clutch, gearbox, heat exchanger, differential, axle, constant velocity joint (cvj)</i>
	Exhausts	Next question 8.5 will be defaulted to 'not applicable' <i>Incl. manifold and pipe, pre-heat pipe, silencer, catalytic converter</i>
	Unknown	

Main source of ignition		GUIDANCE
		Next question 8.5 will be defaulted to 'not known' <i>Includes sparks from unknown source</i>
Other appliance or equipment		
Naked flame	Lighted paper or card, or other naked flame	Next question 8.5 will be defaulted to 'not applicable'
Fireworks	Fireworks	Next question 8.5 will be defaulted to 'not applicable' <i>Incl. smoke bombs, flares, sparks from caps/pistol</i>
Bombs and explosives	Intentional burning – out of control	Next question 8.5 will be defaulted to 'not applicable'
	Incendiary device	Next question 8.5 will be defaulted to 'not applicable'
	Bomb/Explosives	Next question 8.5 will be defaulted to 'not applicable'
Natural occurrence	Natural occurrence	Next question 8.5 will be defaulted to 'not applicable'
Wet hay	Wet hay	Next question 8.5 will be defaulted to 'not applicable'
Fuel/chemical related	Gases	Next question 8.5 will be defaulted to 'not applicable'
	Liquids; petrol/oil related	Next question 8.5 will be defaulted to 'not applicable'
	Solids; coal, coke, wood, card	Next question 8.5 will be defaulted to 'not applicable'
	Flammable chemicals	Next question 8.5 will be defaulted to 'not applicable'

Main source of ignition		GUIDANCE
Other		
Not known		<i>Incl. spark from unknown source</i>

Question 8.5 – What powered the ignition?

The IRS system only allows for certain types of ignition as selected in 8.4 to have a 'power by' category. Some will be defaulted to an appropriate category.

Otherwise, select the option that best describes the main source of ignition's power.

E.g. A cooker may be powered either by gas (mains) **or** electricity.

Main source of ignition power by	GUIDANCE
Gas – mains	
Gas – cylinder	
Electric	
Not Applicable	
Other	
Not known	