

Freedom of Information Request FOI 23 85

EV Battery Fires

Query:

- I'd like to request the following information:
 - Number of EV battery fires that have been tackled by this fire brigade from June 2019 - June 2023
 - Please include a breakdown of types of vehicle in the data (car, bus/coach, e-bike/e-scooter, etc)
 - Please include details on month, year, cause of fire, fire spread and injuries/fatalities as a result of the fire
 - If possible, can you provide any details on how many of the batteries were certified by the vehicle OEM, or if the batteries had a battery management system or state of health monitoring?

Response:

We don't have a specific option concerning Electric Vehicles within our Incident Recording System. However, we have searched the incident narrative concerning your request and our findings are in the table below. We do not record if the batteries were certified by the vehicle OEM, or if the batteries had a battery management system or state of health monitoring.

Year	Month	Cause	Fire Spread	Casualty	Detail
2023	May	Faulty fuel supply - electricity	No	No	ELECTRIC BIKE IN SHED
2023	March	Fault in equipment or appliance	No	No	FIRE INVOLVING ONE ELECTRIC SCOOTER
2023	January	Fault in equipment or appliance	No	No	ELECTRIC BIKE BATTERY CAUGHT FIRE NOW OUTSIDE to WAS A FIRE IN ROOM
2022	August	Fault in equipment or appliance	No	No	ONE ELECTRIC BIKE FULLY INVOLVED IN FIRE BEING EXTINGUISHED USING CO2
2022	May	Fault in equipment or appliance	No	No	FIRE INVOLVING 1 ELECTRIC BIKE CHARGING UNIT AND SMALL AMOUNT OF DECKING
2022	February	Fault in equipment or appliance	No	No	GARAGE ON FIRE - CONTAINS ELECTRIC BIKES, PAINT, GAS BOTTLES
2021	September	Faulty fuel supply - electricity	No	1 casualty Serious Burns	FIRE IN FIRST FLOOR FLAT APPROXIMATELY 6M X 8M FIRE INVOLVING ELECTRIC BIKE IN GROUND FLOOR LOBBY AREA
2021	June	Fault in equipment or appliance	Whole Garage	No	1 DETACHED GARAGE WELL ALIGHT. CONTAINING 3X MOTERBIKES, 1 X ELECTRIC SCOOTER
2021	June	Fault in equipment or appliance	No	No	BUILDING USED AS PRIVATE FLATS IN TERRACE. 4 FLOORS 8M X 15M. FIRE INVOLVING ELECTRIC SCOOTER IN FIRST FLOOR FLAT
2020	August	Fault in equipment or appliance	No	No	1 ELECTRIC BIKE EXTINGUISHED USING BUCKET OF WATER
2019	August	Fault in equipment or appliance	No	No	ELECTRIC BIKE-SMOKING OUTSIDE-FIRE HAS MELTED AREA OF BATTERY to ELECTRIC BIKE
2019	August	Overheating, unknown cause	No	No	ONE ELECTRIC BIKE IN FRONT GARDEN BATTERY SMOKING

Information/Detail accurate on the date provided: 31, July 2023