

9/16/2024



# Environmental Impact Statement

*Allied Aerosystems Ltd*



PhillipA

# Environmental Impact Statement

*Allied Aerosystems Ltd*

- **Declaration**

---

This EIS has been completed with all the relevant information from Allied Aerosystems, Aspects Risk assessment, which allows an Environmental assessment of Allied Aerosystems. The information presented is not false or misleading.

Environmental Management is ultimately the responsibility of the Board of Directors.

- **Company overview & environmental focus**

---

**Organisation Purpose:**

**SIC CODE 33190**

Allied Aerosystems Limited, core purpose is enabling our customers to verify that their product statements are true.

Allied Aerosystems Limited core values are

- Achieving excellence by continuous improvement and continually challenging the status quo
- Acting with honesty, integrity, and respect in all our relationships
- Taking the initiative and being willing to accept responsibility and accountability in exceeding expectations
- Being helpful and supportive in demonstrating exceptional teamwork and always going the extra mile
- Investing in developing knowledge of our people, advancing technologies and efficient facilities

Maintaining a distinguished level of customer satisfaction is the highest priority for Allied Aerosystems Limited.

**Calibration; Inspection; Certification; Repair & Test of Measurement equipment. The manufacture of associated jigs and fixtures related to Measurement Equipment.**

Allied Aerosystems Ltd requires its technical functions to operate in a climate controlled environment in order to comply with its technical regulatory body regulations (ISO17025, ILAC). This creates an increased requirement on electrical consumption for air-conditioning and equipment stability.

Allied Aerosystems Ltd in general, does not produce waste in quantity as a result of its day to day activity.

Predominantly, normal daily waste follows a municipal waste scheme with segregation where practicable to increase the recycling content and reduce landfill to a minimum.

A small amount of product submitted for service to Allied Aerosystems Ltd, fails its service checks and is un-repairable, so determined to be end of life. When not specifically returned to the customer, the reuse, recycle activity at Allied Aerosystems requires the product to be appropriately stored for future dismantling for parts to affect other product repairs, segregated and passed to various reuse, recycle, waste streams.

The manufacture of jigs and fixtures associated with measurement equipment, creates a small amount of waste from general engineering machining, this is also appropriately stored, segregated and passed to various reuse, recycle, waste streams.

Product failure of equipment that has outsized proportions, model obsolescence, or unused consumables past shelf life may cause anomalous increases in recorded recycle or wastes.

- ## Alternatives

---

Not performing calibration activity, would undoubtedly lead to an increase in product failure due to un-quantified rejection of product, throughout the manufacturing and in service life of products, resulting in increased waste product.

Returning to customer, test equipment that fails calibration. This would increase the likely-hood of inefficient waste disposal systems being utilised as the end user may not have the necessary infrastructure and procedures to process the waste. It would also incur travel related costs both financially and with the travel distances impacting environmentally as the test equipment has no future practicable use to the customer.

- Plans, figures and images

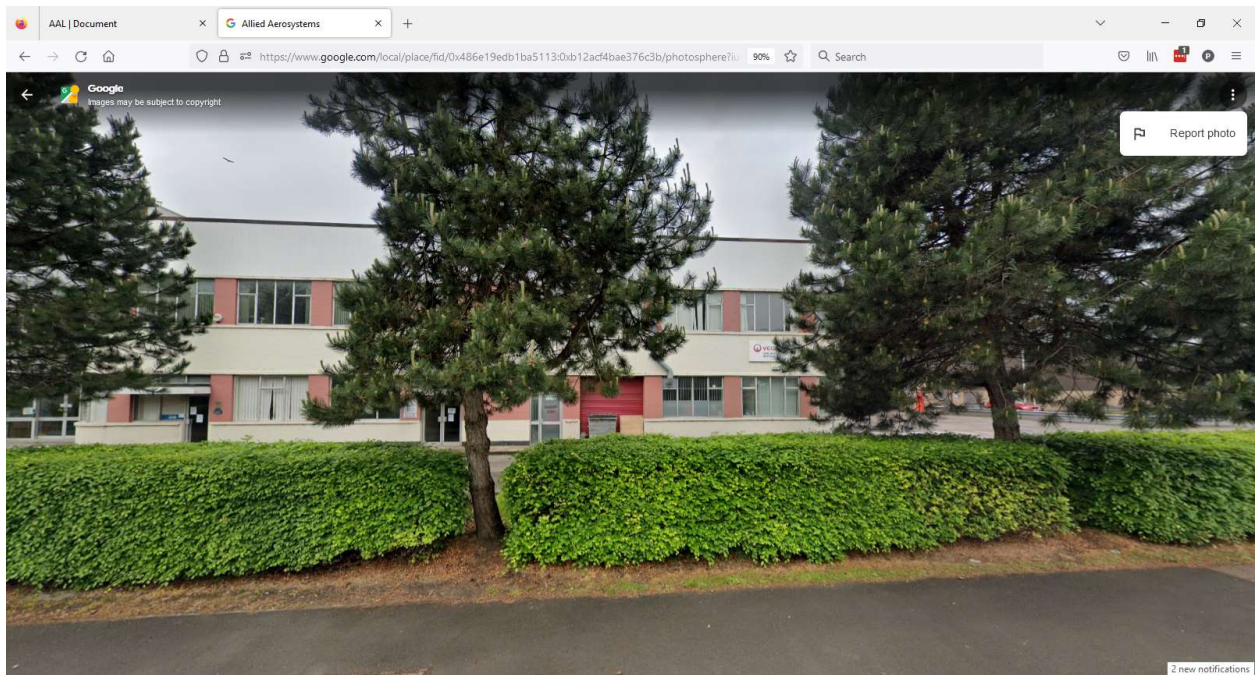


Fig 1a: Treforest Site circa 7000 sqft on 2 floors as a shared premises.

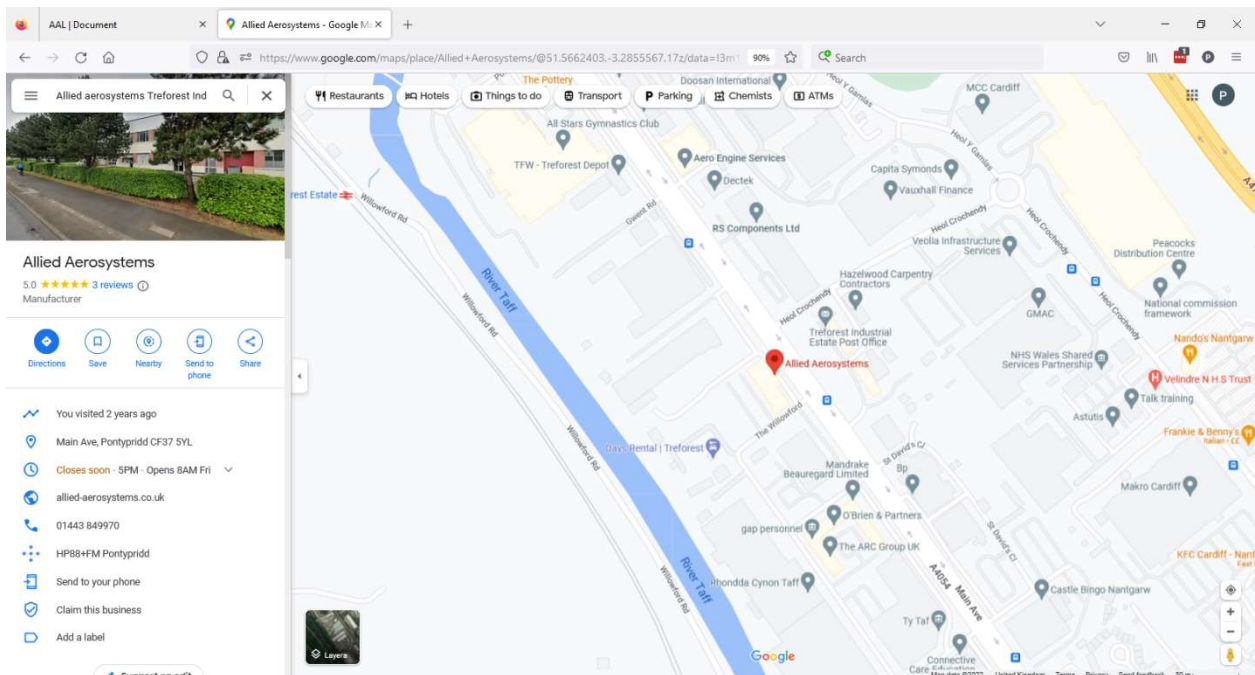


Fig 1b: Treforest Site circa 7000 sqft on 2 floors as a shared premises.



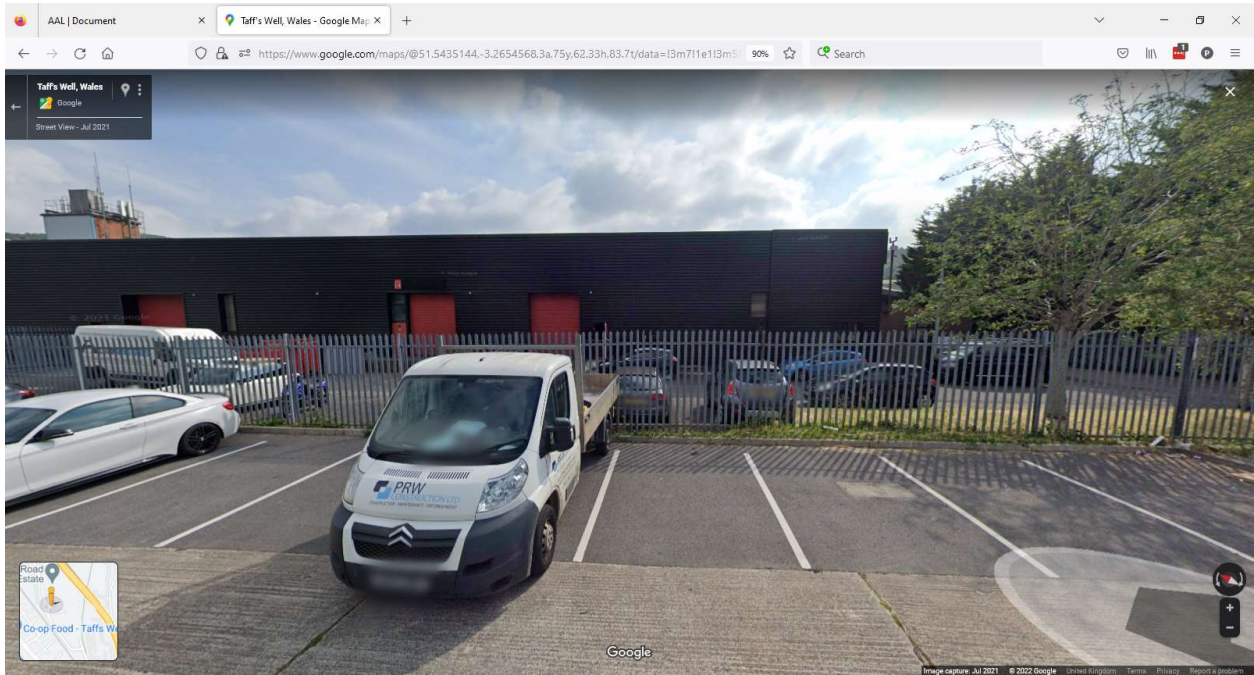


Fig 2a: Moy Road Site circa 14,000 sqft on 2 floors as a shared premises.

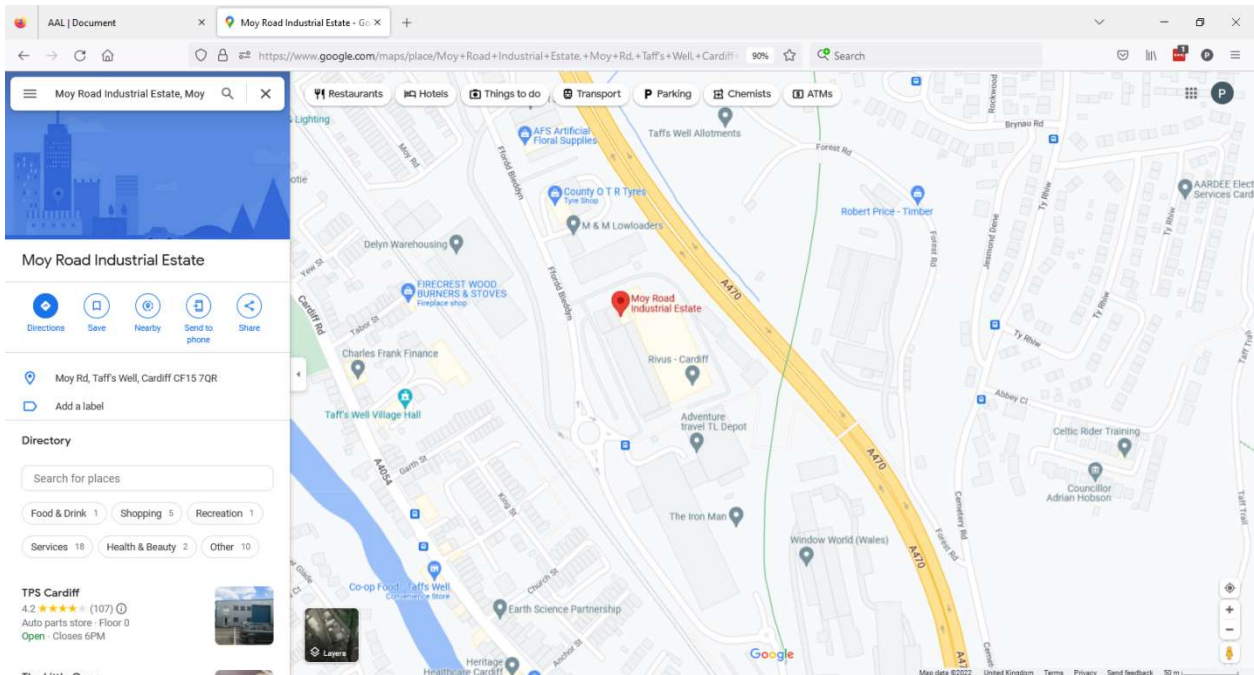


Fig 2b: Moy Road Site circa 14,000 sqft on 2 floors as a shared premises.

## • Strategic and statutory context and engagement summary

---

In accordance with the Allied Aerosystems Ltd, Environmental Policy. Allied Aerosystems and its Board is committed to comply with the appropriate Green Dragon Level and best practice of ISO14001, together with any relevant legislation as indexed in (MSO8) in order to

- Protect the Environment
- Fulfill the organisation compliance obligations
- Continually improve the environmental management system to enhance environmental performance.

We understand our duty of care responsibilities under the Duty of Care Code of Practice.

To highlight, "the duty of care legislation makes provision for the safe management of waste to protect human health and the environment... the code of practice (the Code) sets out practical guidance on how to meet your waste duty of care requirements... it is issued under section 34(7) of the Environmental Protection Act 1990 (the EPA) in relation to the duty of care set out in Section 34(1) of that Act." (Waste Duty Care Code of Practice November 2018)

Several Roles have responsibility for environmental matters delegated from the board, these are evidenced on the company database, with appropriate management system procedures and documentation.

## • Key issue assessment

---

Emissions to Air

Releases to Water

Releases to Land

Use of Raw Materials & Natural Resources

Use of Energy

Energy Emissions (e.g heat, radiation, vibration (noise), light)

Generation of Waste and or By-products

Use of Space

Design and development of facilities

Design and development of processes and services

Acquisition of materials

Operational processes including warehousing and logistics

Environmental performance of external suppliers

Transportation and delivery, including packaging

Storage, use and end of life treatment of products

Waste Management, including reuse, refurbishment, recycling and disposal

Emergency Preparedness

## • Environmental impact statement

---

In considering the management of its environmental impact, Allied Aerosystems Ltd has sought to minimise adverse effects on the environment and encourage ethical practices to promote best practice based on international standards.

Emissions to air are small amounts of clean nitrogen gas from calibration test activity. Regular maintenance and appropriate checks are made on air conditioning units to avoid accidental release of refrigerant gases.

Hazardous, process water, waste (De-Ionised Water) is collected in a bunded area and disposed of through a waste scheme. Further process and general activity contributing to water contamination through accidental release are actively assessed and mitigated.

There are no identified releases to land caused by Allied Aerosystems Ltd activities.

Raw material usage is reduced by recycling packing materials, with a scheme to monitor new packing material and paper purchases.

Electrical energy is the dominant energy consumption requirement, with gas supplying condenser boiler heating systems in non air conditioned areas and hot water for welfare purposes. Gas & Electricity consumption is monitored and a switch off policy in place to reduce consumption.

There are no identified significant energy emissions produced by Allied Aerosystems Ltd activity.

As a service Allied Aerosystems Ltd compares customer equipment with a known equipment standard to determine its continued compliance to specification. In general this does not generate waste. Failed customer products are the primary source of waste. This and site maintenance, welfare, or general service waste is managed to appropriate waste streams and licensed suppliers.

Allied Aerosystems ltd seeks to optimise its space utilisation: To ensure areas requiring welfare or process heating are as small as practicable. Also that the use of its demise is efficient for the services it offers.

Purchasing procedures direct the choice of supplier to include environmental considerations, in particular geographic distance.

Operational & Warehousing procedures promote reduction in the use of paper.

Supplier quality and environmental credentials are recorded on systems used to determine supplier selection, to facilitate preferential choice of suppliers with positive environmental dimensions.

Allied Aerosystems Ltd actively reuses packing materials, or has totes to remove the need for packing materials. A planned delivery schedule minimises the transport requirement for collection and delivery of customer equipment.

Waste generated by customer equipment failing its performance test is responsibly disposed through a repair, reuse, recycle activity therefore minimising additional transport impacts and encouraging an ethical and legal disposal.

Waste is segregated and sent to various recycling and licensed organizations to minimise waste to landfill. An active reduce, reuse, repair, recycle scheme is in place.

Allied Aerosystems manages emergency activity via adoption of BS ISO31000 risk assessment measures and BS ISO22301 business continuity measures. Environmental emergencies identified are Fire, Flood or Spillage. An emergency plan for each risk is communicated to relevant interested parties.