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mail@theactgroup.net

DSEAR Risk Assessment:

Thank you for our enquiry relating to the provision of a DSEAR Risk Assessment. In order to assist us in preparing an accurate quotation for your consideration could you please provide as much of the following information as possible.

DSEAR applies wherever a dangerous substance is present or could be present, or where an explosive atmosphere is present or could occur. Where dangerous substances are used, stored or transported or atmospheres are intrinsically explosive, DSEAR therefore automatically applies. In order for us to provide the most appropriate support, advice and guidance, please complete the following form and add as much detail as relevant in the additional comments.

Business name & address:	
Point of contact, contact number, and email address:	
Nature of the business and description of the business activities:	
Number of and type of persons onsite typically found onsite:	
Operational hours (include details of any out of hours working such as cleaning and maintenance):	
Copies of site plans and drawings (should include details of any hazardous areas, plant rooms, basements / roof services):	
Copy of any previous DSEAR risk assessment available and supplied?	

Potential Activities Undertaken Include: Please complete the below questionnaire to help us better understand your potential DSEAR risks.

Process or Procedure	On site or off site	Quantity	Used in or near Explosive atmosphere & Hazardous Area Classification	Comments
Deliveries of flammable liquids, gases and bulk powders from road tankers				
Storage & Use of Oxygen				
Storage of liquefied petroleum gas (LPG)				
Transport of flammable substances in containers around a workplace				
Storage & use of Acetylene or other flammable gases				
Handling, use and storage of flammable solvents incl aerosols				
Storage and use of flammable liquid-based paints and inks				
Processes: Spray painting, lacquering / polishing				
Processes: Wood working/cutting, shot blasting				
Storage and transport of powders				
Work processes creating dust and dusty atmospheres or areas of heavy dust settlement (<i>indicate type & moisture content</i>)				
Welding or other 'hot work' on tanks and drums that have contained flammable materials				
Battery charging, storage of batteries. (Lithium and lead acid)				
Storage and charging of lithium Ion or Lithium Polymer batteries				
Chemical manufacturing, processing and warehousing				
Use of flammable solvents in laboratories				
Refuelling / storage of fuel / decanting fuel (petrol / kerosene / LPG)				
Storage of explosive materials (UN0432) Cat 1.4S				
On site power owned by site i.e. CHP, Electrical transformers, gas supplies				

Process or Procedure	On site or off site	Quantity	Used in or near Explosive atmosphere & Hazardous Area Classification	Comments
Use of furnaces, ovens (<i>detail fuel and operating temp / size</i>)				
Use of vacuum furnaces				
Use of LEV to extract oil mist				
Use of oil quenching for hot metals				
Use and storage of reactive metals i.e. Titanium, Magnesium (<i>detail major processes i.e. turning, milling, grinding</i>)				
Any additional information:				

Supporting Documentation:

The following list of documents (not exhaustive) will be required to help complete the assessment, if these are available, they can either be sent to the assessor in advance of the site visit or be made available on the day of the site visit:

- Existing fire risk assessment
- Previous DSEAR assessment
- Fire Safety Policy
- Gas Safety Certificates
- COSHH register
- Safety Data Sheets for hazardous substances
- Dust and Powder test results where applicable
- Site plans to include details of known hazardous areas, plant rooms, basements / roof services, DSEAR zones
- Details of LEV installations
- LEV inspection records
- Details of any ATEX rated electrical installations
- Electrical inspection certificates (fixed wiring)
- Service and Maintenance records for plant and equipment associated with hazardous substance activities e.g service records of gas installations, Maintenance of gas gaskets, oxyacetylene flash arrestors, FLT battery chargers, conveyor belts, roller shutter doors etc, Lightning protection, LEV ducting.
- Licences for the storage of explosive materials
- Details of evacuation planning