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World leading experts



...technical disaster recovery specialists



...technical disaster recovery specialists

Leading specialists at global level

AREPA is one of the world's most well-reputed companies in the fields of damage analysis, damage control and restoration. We specialise in assessing, combating and remedying problems caused by corrosion in technical and electronic equipment and electrical components. Problems that typically arise after fires, smoke and gas emissions, damp, flooding, liquid discharge and general chemical impact from powder, dust and other substances.

Our reputation is based on more than 30 years' experience, specially-trained, dedicated employees and carefully selected, purpose-built high-tech equipment. We collaborate closely with the biggest international insurance companies and our list of references includes a number of the world's major companies.

AREPA has its head office in Silkeborg, Denmark as well as subsidiaries in several European countries.

Ready to help world-wide – 24 hours a day

Rapid response is of the greatest importance where damage control is concerned. As soon as an accident occurs, chemical processes are triggered that can in the worst case lead to irreparable damage. These processes must therefore be identified and curbed as fast as possible.

The specialists at our AREPA Centre are ready to turn out 24 hours a day and, as much of our purpose-built emergency equipment is mobile, we can begin analyses as soon as we arrive at the site of the damage without wasting valuable time.

We possess extensive international experience and are accustomed to working under widely differing conditions – on land and at sea. We have performed demanding projects in more than 60 countries throughout the world.



AREPA – order from chaos

The situation on site immediately after an accident has happened will often be more or less completely chaotic. The first task for an AREPA project manager when he arrives is to gain an overall view of what has happened on the basis of firmly established, detailed procedures and many years' experience. He identifies and analyses the source of the damage, takes steps to combat corrosion and determines the extent of contamination and damage. The aim is to provide the claimant and the insurance company with a qualified foundation for deciding on a further course of action.

The entire process is performed extremely rapidly – partly to limit the damage and partly in recognition of the fact that interrupted production can be very expensive – in lost earnings, lost customers and with regard to the costs of possible replacement production. All of which means it is important to make the right decisions from the beginning.

When the damage has been done

Damage to electronic and technical equipment after a fire or liquid discharge will often be considerably greater than immediately meets the eye and may frequently only become evident after a certain amount of time. The damage is analysed with the point of departure in AREPA's accumulated knowledge of the course of events and a detailed report is then prepared complete with a suggested restoration plan.

Restoration can either be carried out on site or at AREPA's workshops. All damaged equipment is disassembled, cleaned and dried and components repaired or replaced where necessary. Finally, the equipment is reassembled and thoroughly tested before it is returned to the client. The goal is to re-establish production as fast as possible, so the restoration process is always carried out in a close dialogue with the client.



Marine and offshore require dedicated specialists

The marine and offshore areas make rigorous demands on expertise, training and safety. Damage caused by fires on board ships can be extremely far-reaching and remedying it, decontamination and cleaning must always be performed on site – often under very cramped conditions.

When an accident that leads to interrupted operations occurs on a ship or in the offshore industry, the economic consequences can be enormous – even for a single day. This makes it essential to gain a precise impression of the extent of the damage at as early a stage as possible. AREPA has documented its ability to fulfil the requirement for rapid, goal-oriented measures in this connection on countless occasions. Thanks, among other things, to a dedicated mobile emergency team of specialists who are ready to turn out anywhere in the world 24 hours a day.

Gain an overall view of all aspects of damage

Damage can be assessed on a short and long-term basis. Consequential damage to technical installations after a fire, for instance, may often be considerably greater than the damage caused by the fire itself, but it is frequently the case that consequential damage is only detected after a certain amount of time.

For example, plastic materials often contain chlorine which, when they burn, generates hydrochloric acid that attacks metal surfaces of all kinds. In recent years, new types of corrosive substances have been registered in connection with fires in step with the introduction of new materials and identifying them requires experience and know-how.

Thanks to our mobile analysis equipment, AREPA has performed thousands of tests designed to assess the effects of corrosive substances. The test results are compiled in a report that provides a reliable and valuable basis for assessing the extent of overall damage.



Wind turbines – a rapidly growing specialised area

The number of wind turbines has been growing at almost explosive speed in recent years at the same time as the turbines have become bigger and the technology involved has taken on greater complexity. This also means that there is a growing need for restoration when damage occurs. Typical damage is due to overheating, lightning, fire in electrical installations and leaking hydraulic oil, which may subsequently lead to corrosive chemical impact.

Wind turbine components are very expensive and the turbines themselves are often erected at relatively inaccessible sites, which increases the cost of replacing components. Limiting damage is therefore of the first importance so restoration must be carried out on site to the greatest extent possible.

It costs a great deal of money in lost operating income each day a wind turbine is not in operation, which makes it important to resume production as fast as possible after an accident. But it is also important to ensure that damage is restricted so that it does not cause more extensive problems in the longer term.

AREPA has purposefully developed its competences in the field of wind energy and today we have more than 30 specially-trained technicians at our disposal in this area who can analyse the consequences of contamination in the form of corrosion and reduced component life in a few hours.

We are always ready to turn out at short notice - in connection with both land-based and offshore wind turbines - and thereby help to minimise operating loss.



Prevention is a sound investment

Dust and fat deposits accumulate everywhere we go - not least in production environments. These deposits can be both corrosive and inflammable - with serious consequences for electronic and electrical components in particular. Equipment ages and deteriorates unnecessarily and the risk of operating loss and, in the worst case, fire increase significantly.

AREPA has carried out preventive inspections of electronic and electrical installations for many years and, in this connection, also performed preventive maintenance by decontaminating technical equipment of all kinds. Our inspections are always followed up by the preparation of a report documenting the state of the equipment in question. In addition to reducing wear and the risk of interrupted operations, documented maintenance will always be a good argument in a dialogue with insurance companies.

The world is our workplace

We are accustomed to communicating across continents and cultures at AREPA - the world is our workplace. When damage occurs it often leads to stress so a calm approach and a broad perspective provide the key to the right solution. We have developed fixed procedures and analytical models that we know will work in practice on the basis of our many years' experience.

Our employees are specially trained in their individual fields. Teamwork has high priority and, if it is expedient, we set up international teams to optimise the competences necessary to perform a given project. We have already built up local networks of reliable subcontractors in many countries and in those cases where we draw on local manpower, we make sure that our project managers possess the personal abilities necessary to ensure that the collaboration functions in practice.

