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Primec

WHO WE ARE

Primec Ltd provides complete air and water hygiene solutions for businesses throughout the UK.

Primec Ltd offers a complete package of water hygiene services from Legionella risk assessment, Legionella awareness training, to Legionella monitoring and control.

In addition to this, we offer a comprehensive package of air hygiene solutions, including air monitoring, ductwork cleaning and kitchen extract cleaning.

HOW WE DO IT

Our customer approach is consultative and considerate. We work as an extension of your team and we aim to be responsive, flexible and sensitive to your working practices.

Our high-performance and experienced teams are tailored to meet your project's individual requirements. By listening and learning, we strive to deliver exactly what you want - working to your budget, adapting to your specific requirements, and committing to your critical timetables.

Most importantly, we apply best practices for every customer.

WHO WE DO IT FOR

Our extensive client list ranges from the Petrochemical industry, Government Establishments, Research Centres, Education, Leisure, Top 100 Plc Companies, Hospitals, Healthcare and individual SME organisations.

QUALITY ASSURANCE

At Primec our aim is be accountable for all our actions. We have ISO 9001, ISO 14001 and OSHAS 18001 and the Legionella control association accreditations.



HEALTH & SAFETY

Health and Safety to us is more than a matter of rules; it stems from how we act and how we live. We strive to look after our own health and safety, and that of others, by being proactive, not reactive. It is the active engagement of our whole team that leads to improved safety in the workplace.

We recognise and fully accept our responsibility for the wellbeing of our employees and any others who might be affected by our work. Health and safety awareness forms a critical part of our induction process and training is provided on an on-going basis throughout an individuals Primec career.

LEGIONELLA CONTROL & MONITORING

● Legionella Risk Assessment

Do I need to carry out a Risk Assessment ?

Yes, The HSE Approved Code of Practice "The Control of Legionella Bacteria in Water Systems" known as L8 has placed responsibility on employers to carry out a Risk Assessment to identify and minimise the risk to the health of employees or the general public. Our fully-qualified and experienced personnel carry out

A detailed survey of your system. A comprehensive report is then presented, which details the level of risk and makes recommendations for any modifications necessary to prevent or minimise those findings.

● Legionella Awareness Training

Awareness of Legionella and the potentially deadly effects of Legionnaires' disease has grown rapidly in recent years. With several major outbreaks and high profile prosecutions under the Health & Safety at Work Act it's now more important than ever that organisations and individuals understand their legal duties and the serious consequences of a failure to comply with the law

Our Legionella awareness course has been developed as an introduction to the issues that surround Legionella and Legionnaires' disease, the history of the organism, current UK legislation, good practice procedures and a review of recent outbreaks. The course completes with a short test of competence and discussion forum.

● Legionella Monitoring & Control

Our approach is to identify and control the risks associated with Legionnaires disease through risk assessment and then implement a Legionella control regime.

Responsibility From the risk assessment we will draw up a regime detailing responsibilities and tasks to be undertaken.

Review On an annual basis [or more frequently if required] we will review the regime

● Electronic Record Keeping

Primec offers a paperless management and record system that will save time and have less impact in the environment.

All data can be accessed via the internet, the client or engineer can input data, upload reports and schedule regime tasks allowing data to be synchronised with the server.

This system is suitable for single or multi-site applications enabling the time consuming maintenance of paper logbooks being eliminated.

WATER TREATMENT

● **Cooling Tower Management**

Safe and efficient running of a cooling tower system is achieved from good monitoring and management practices.

With a wealth of experience in managing all types and sizes of cooling tower our dedicated trained staff will ensure that your cooling tower remains compliant with the current legislation.

Our complete service is as follows:-

- Legionella risk assessment
- Implementation & managing of control regime
- All regime service tasks
- Dosing equipment
- Chemical supply
- Analytical testing
- Replacement parts
- Refurbishment to cooling towers and plant

● **Chlorine Dioxide**

The quest for the disinfectant replacement of chlorine resulted in several possible candidates. Although no one disinfectant is perfect, Chlorine dioxide is a very good alternative due to its characteristics.

Like ozone and chlorine, chlorine dioxide is an oxidizing biocide and not a metabolic toxin. This means that chlorine dioxide kills micro organisms by disruption of the transport of nutrients across the cell wall, not by disruption of a metabolic process.

Stabilised chlorine dioxide is ClO₂ buffered in an aqueous solution. Adding an acid to the required concentration activates the disinfectant.

● **What Primec can offer**

At Primec we supply and install systems suitable for your building requirements, whether it being a base system, a Redox system or a proportional dosing system.

Our fully trained field engineers will maintain the system on a scheduled basis, undertaking servicing, testing, safe handling, and dosing of required chemicals.

With this service we operate a 24hr communication framework.

CLOSED SYSTEMS

● **Chilled & LTHW Closed System Analysis**

"Pseudomona bacteria is now being found in heating and chilled water systems in many parts of the country. Until the last couple of years, bacteria in these types of systems were of little consequence and not often investigated.

This bacteria produces bio film, or slime. If left to proliferate it can cause severe corrosion and blockages in pipework. The bio film will reduce the water flow and provide a habitat for other bacteria that cause corrosion leading to pitting and leaking pipework. The overall effect in heating and chilled water systems is reduced efficiency and increased downtime and costs of repairing leaks.

This is why closed systems should be monitored and regularly maintained. This maintenance should continue throughout the life of the building and should involve sample taking at a maximum interval of 3 months.

● **Pre Commission Cleaning to B.S.R.I.A Application Guide 1/2001**

During the last decade, there have been many significant developments and advances in the system control technology of heating and chilled water systems. System contaminants such as scale, jointing compound and building debris will inevitably be found in newly fabricated heating and cooling pipework systems.

If allowed to remain in the systems in sufficient quantity, these contaminants will make the system prone to blockage at strainers, control valves and small bore heat exchangers. They may also initiate corrosion and encourage the growth of micro-organisms. Precautionary measures should also be considered to avoid or address bacteria such as pseudomonas in these systems

● **Indoor Air Quality Monitoring**

Our comprehensive air hygiene programme covers testing for ventilation air quality in compliance with TR/19 ensuring that reasonable yet not excessive levels of cleanliness are maintained, thus keeping costs to a minimum. By method of a vacuum test [V.T] or by deposit thickness test [D.T.T] for ventilation system surface conditions we can establish if a ventilation system requires regular monitoring or cleaning.

Including within this service will be an air hygiene logbook to assist with the management control process covering the following items:-

- Details of Plant and areas served
- Categorization of system in terms of risk
- Indication of testing points
- Schedule of filter types per system
- Technical information on system
- Planned maintenance schedules
- D.T.T or V.T results
- Swab Analysis

● **Ductwork Cleaning**

If cleaning is required, verification of cleanliness will be compiled within a log book and include the system cleaned, verification results [VT or DTT tests] pre and post photographic reports and recommendations for future testing and cleaning requirements.

The cleaning methods we use are of the latest technology causing the minimum of disruption to building occupants working to the specification as outlined in the HVCA publication- Cleanliness of Ventilation Systems TR/19

● **Kitchen Extract Cleaning**

The regular cleaning and maintenance of kitchen extraction systems is essential on both hygiene and fire safety grounds because during continued use over a sustained period of time grease and other flammable substances accumulate within the ductwork, creating health and fire hazards. Our experienced team of engineers will first assess your business then advise and recommend which cleaning regime is best suited to your circumstances.

Primec has extensive knowledge of the effect of different types of food and cooking usage, this alongside recommendations from the HVCA form the basis of maintenance programmes to keep fire risks to a minimum and hygiene at the highest level.

On completion of all works Primec will issue a hygiene certificate, which can be displayed, allowing staff and customers alike to be assured that the kitchen is clean, legal and safe. In many cases this is an insurance requirement

ASSOCIATED SERVICES

● Legionella Remedial Works

With the cost factor of CWS tank replacement, tank refurbishment is a more cost effective alternative.

Our service offers a complete upgrade to meet the current byelaws with a minimal disruption.

Application of internal anti-corrosion linings
Supply & fitting of GRP lids
Application of insulation
Fitting of screened overflow & screened breather units
Modification of pipework to prevent stagnation

● Water Tank Replacement

We offer a complete turnkey service from removal of existing cold water storage tanks from site, supply and erection on new WRc Approved GRP tanks [sectional or one-piece] to reconnection & re-commissioning of services.

● Kitchen Extract Fire Risk Assessment

If you operate a commercial kitchen you will have duties under health and safety law to assess fire risks in the operation of extract ventilation.

The Risk Assessment should be conducted by a responsible person and will help you identify potential hazards associated with kitchen extract ventilation, principally those created by the excessive build-up of cooking oil deposits. You evaluate the risks, record the findings and keep the assessment under review, particularly if there are any changes made to the ventilation system. This Risk Assessment will give you a quantifiable measure of risk, and it is anticipated that successive reviews will show a reduction in the number of high risks. It should be considered in relation to the more general fire precautions necessary for life safety in your workplace.

● Local Exhaust Ventilation Systems

Control of personal exposure in the workplace can be achieved by Local Exhaust Ventilation (LEV) systems.

LEV is a generic term to describe powered extraction systems removing hazardous airborne substances from localised areas generated from operations such as welding, paint spraying or soldering for example. LEV systems are one of the commonest means of limiting and controlling employee exposure to chemicals and hazardous substances thus protecting their health and Welfare

As with any engineering control incorporating mechanical components the system is subject to "wear and tear" and needs to be regularly tested to ensure adequate levels of performance are maintained. The legal requirement to regularly test is thus enshrined in the Control of Substances to Health (COSHH) Regulations 2002 (as amended).