



The Company

Founded in 1990, Maxaura was the brainchild of Peter Beckett and Melville Errington, both of whom have had considerable experience in higher management of multinational pneumatic equipment manufacturers.

The two founders anticipated accurately a skills and human resource shortage in industry as pressure built to become 'leaner', with scant attention being paid to the effective cost control of expensive energy production and consumption. More and more responsibility was being passed to fewer and fewer people with very limited resources.

With new regulations and initiatives affecting all aspects of industry constantly being intoduced, especially with initiatives also coming from the European Commission, internal company management has been put under severe pressure in recent years to conform with the threat of huge penalties for non-conformity. In some cases, companies were faced with closure.

Initially, companies were able to seek help and advise on how to ensure compliance with the pressure systems regulations from Maxaura, knowing that, as a totally independent engineering management company, the recommendations would be impartial and complete.

Up until that time the only alternative was companies which sold hardware, had allegiances, represented equipment manufacturers or insurance company inspection engineers who were not equipped nor had the capacity to execute the increasingly diverse demands of system Owners and Users.

As a supplementary benefit with the proper implementation of the regulations and Maxaura's involvement, companies also made cost savings through wastage limitation.

So popular was this positive aspect of the partnership that a full investment programme was implemented with the specific mission of eliminating wasted compressed air and other gases and thus offering companies substantial energy cost savings.

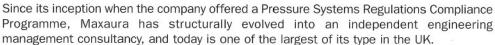
The results have been remarkable with all efficiency assignments commissioned making at least 23% operational cost savings.

Today Maxaura has evolved into the UK's leading engineering management consultancy, specialising in the design, redesign, project management, procurement, efficiency audit, regulatory risk assessment and operational management of compressed air, industrial process gas and steam systems. Services continue to be added as more and more clients seek 'partnership' alliances and it is anticipated that this will continue to grow as outsourcing non-core activities continues to find favour.

However, no matter which service clients choose, the Maxaura philosophy remains the same – to establish an excellent working partnerhip with clients, and bring a professional practical approach which not only satisfies the brief but is always mindful that cost reductions are the goal.



The Management Services



The company not only specialises in the efficiency audit, regulatory risk assessment and operational management of compressed air, industrial process gas and steam systems, but is also qualified to offer advice on and execute the design, redesign, and procurement of systems on behalf of clients.

Since Maxaura keeps a watching brief on all the leading pressurised gas equipment suppliers and their distributors, procurement is a key part of the company's services, as is the management of preventative maintenance programmes and design/build/operate leasing projects.

The company's 'turnkey' package also includes its taking responsibility for subcontracting and overseeing the operations of third parties to ensure that the highest quality standards are met on behalf of the user client.

Secondary needs for pressure vessel hydrostatic testing, examination and refurbishment, air quality measurement to both industrial and military standards, calibration of pressure gauges and pressure relief valves are all embodied in, and make a contribution to, the one stop comprehensive management service.

Since its inauguration, Maxaura has made considerable investment in the development of several unique pressure system audit related products.

From hardware for the insertion into pipework, under pressure, of metering instrumentation through to software computer programmes for the 'real time' recording of flows, pressures, and temperatures together with input power recording, compressor performance monitoring and testing. All of which form the measured basis upon which analysis and recommendations are made. If you can measure it, you can manage it!

One of the most innovative, yet simple, patented product is the 'Bitemarx' pipeline and pipework identification system designed to enable maintenance engineers to accurately colour code high-fixed pipework five to eight times faster than traditional methods.

Maxaura can also produce tailored control panels to meet individual client's needs ranging from pressure monitoring and control to system flow measurement.



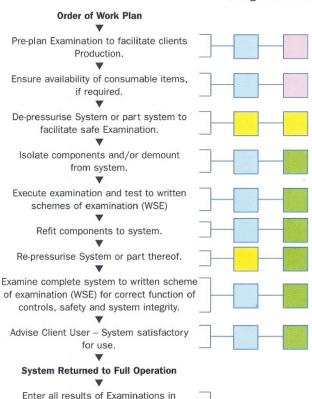


A Comprehensive Programme of Examination and Regulatory Management Matters for Compliance with Regulation 9.

Pressure Systems Compliance

- A SPECIALITY

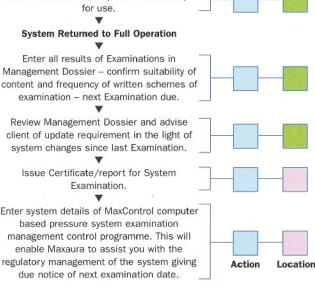
Today, all owners and users of stored pressure energy systems in the UK are obliged to comply with the Pressure Systems and Transportable Gas Containers Regulations. The principle of the regulations is to ensure the operational safety of stored pressure energy systems. The Pressure Systems Regulations may be further enhanced with the introduction of other legislation as an expression and interpretation of the European wide Pressure Equipment Directive which is widely anticipated to come into British Law alongside existing regulations.



In today's modern industrial environment companies resources are invariably stretched. Time and human resources are critical cost commodities and many companies are turning to outside professional help to implement, manage and control compliance activities.

To help you with your compliance needs, and to make available "Competent Persons," Maxaura has developed an ongoing Regulatory Compliance Management Programme (RCMP) that covers all facets of the regulatory requirements. This comprehensive programme, under constant review and regularly updated, is designed as a practical solution to ensuring compliance. RCMP is already helping hundreds of companies and government organisations large and small, with compliance.

Specialists in this field, Maxaura will take all the worry of compliance off you and your company's shoulders. From the preparation of the compliance management dossier by its 'competent person' engineers through to the execution of formal examination and the provision of documentary evidence pertaining to examination, i.e. reports, certificates etc... are all executed by Maxaura. The removal, from systems, examination, test and reinstatement of components is all done under the direct control of Maxaura engineers, a one-stop comprehensive service that does not tie up your line management time on important, but which are arguably non-productive, matters.



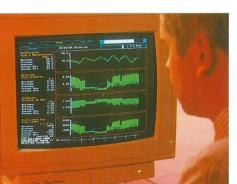
Maxaura Off Site
Client On Site

The Examination Procedure (left) is available for categories of systems (Minor, Intermediate & Major):- Steam - Compressed Air - Other distributed Industrial Gas and Hot Water systems (qualifying under the regulations)



The Efficiency Audit

AN OFFER YOU'LL FIND HARD TO REFUSE



Whether it's compressed air, industrial gases or steam, your factory network is a major contributor to the effectiveness and productivity of your operation. Like other energy sources and components in the production processes, it has to be carefully controlled and maintained.

In the case of compressed air, very few companies are in a position to accurately pinpoint how much compressed air they generate, use and, more importantly, waste. It is also worth noting that a compressor operating three shifts will consume its capital cost in power in a year.

Wastage will snowball as your system ages or is extended over the years, especially if it is not properly managed and maintained. Before you know it the wastage could amount to as much as 50% of your compressed air bill. Government statistics indicate that over £100 million a year is wasted in energy related to compressed air in the UK alone.

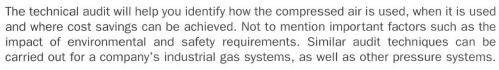
Management control is a critical factor in ensuring your system serves you efficiently and cost-effectively. It's not just the effectiveness of the compressor alone but the whole of the distributive network system including compressor control, dryers, receivers, pipework, regulators, hoses and couplings. The system is to be managed as a whole if running costs are to be controlled.



Maxaura, an independent engineering management company specialising in pressure systems management, can help you make the most of your network, whether compressed air, industrial gases or steam. The company is headed by two partners with over fifty years experience of the compressed air industry at the highest level. The partners devised a series of system efficiency measuring techniques that are the basis of the audit, designed to improve the efficiency, effectiveness and safety of user companies systems.

Over the last decade testimony to client satisfaction is demonstrated by the cost savings made for each and every assignment.







Recommendations for reducing costs are prioritised and in those instances where there is an investment consideration, pay backs are calculated. Initially operational cost savings of 10 to 15% were seen as realistic targets. However, the results have proved startling with practical cost savings of never less than 23%, many around 50% and some even higher; and often achieved with little or no capital outlay.

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