



AKP LEURA

Quality, Safety, Environment

AKP Leura offers a range of consulting services in the areas of **Quality, Safety and Environmental Management, Engineering Management, Electrical and Control engineering, Risk calculations, Modelling, Noise Contour Mapping and Auditing.**

Industrial Experience

AKP Leura has experience in the **pulp and paper industry, box making, oil and gas facilities, chemical manufacture, coal oil and gas fired boilers, power generation, printing on both paper and metal, can manufacture, the sugar industry, water, wastewater systems, and irrigation pumping stations.**

Quality, Safety & Environmental Management

It is becoming more important to demonstrate a level of management control to customers and government agencies. This may mean the development of an internal management system. Such a system provides assurance that the employees have knowledge of the environmental rules applying to the workplace. It also checks that the employees are complying with those rules. You may decide to base the management system on **ISO 9001, AS 4801 and ISO 14001**. Alternatively, you may seek to achieve certification to that standard.

AKP Leura can produce a management system to suit your needs and budget. You may **save time and money** by incorporating parts of an existing management system into the new management system. You can do this without risking the loss of your existing certification.

AKP Leura has unique experience, coming from an engineering background, which will provide a **cost effective** needs based management system. Others may produce a system that is large, costly to implement and run.

AKP Leura has acted as safety officer for a large installation project which resulted in no accidents over the two week period.

Community Groups

AKP Leura has experience in setting up and running community groups.

Members representing a broad **cross-section** of the community joined a Queensland group. Some consider a NSW group as an example of how these groups should operate.

These groups should contain all who would criticize your organization as well as your supporters. It is vital to be prepared to **listen** to the various points of view put forward and provide **honest** replies. In the experience of AKP Leura, such groups can provide ways in which real or perceived impacts on the members can be reconciled with the needs of your company.

Training

AKP Leura can organise training at all levels of your organization in their responsibilities. In addition, we can give training in plant operation for projects designed and commissioned by AKP Leura.

Induction and similar training can be provided on self operating CD ROM or DVD, please ask for an example.

Engineering Management

AKP Leura has extensive experience in the management of **multi-disciplined** engineering teams for both maintenance and projects. You can achieve highest **productivity** by the involvement of all levels of the team in decision-making and responsibility. It is the philosophy of AKP Leura that you can achieve the best results from engineering management by minimising non-productive paperwork, whilst encouraging the team to follow their own **cost-effective** ideas.

Electrical and Control Engineering

AKP Leura has many years of experience in the application of electrical and control engineering to industrial situations. Services offered range from the development of **projects through concept to commissioning.**

The production of a professional specification for a project will provide a **cost effective** solution to your electrical and control problems. AKP Leura has many years of experience in the development of solutions that end up **on time and on budget.**

AKP Leura specialises in **computer based** control systems, process and motor control. We will tailor a system to your company needs so that it will either fit into existing installations or provide stand-alone facilities.

Risk.

How often have you set budgets where you know that some of the figures you use are your best guess but you would like to know the extent of the risk if **some of the figures were to change.** Let us use risk analysis to **calculate the extent of your risk.**

We use an Excel spreadsheet but instead of fixed figures, we insert a risk distribution that is based on your best guess or some figures for performance in previous years. The calculation then shows the likelihood of reaching budget, the likelihood of being better than budget and the likelihood of being worse than budget. Using sensitivity analysis we can then indicate where you should concentrate to improve your performance.

Modelling

Let us **model your continuous process.** We use a system that employs an Excel spreadsheet into which we add the numbers that model your process. Instead of fixed numbers, we use probability spreads that are based either on known plant performance or your best guess on plant performance. The model then uses these probability spreads to model the probable plant states over time.

For instance, if you have a plant which has several possible users of energy each of which vary over time you can use this method to model the possible overall plant energy use which will appear as a probability curve. You can then view a sensitivity analysis of the results to see where you can best put your efforts to reduce your energy bill or overall energy usage. This method will show the highest possible energy usage, the lowest possible energy usage and the probability of all the energy usages in between.

AKP Leura has applied this technique to **energy, water and effluent systems** with success.

Noise contour mapping

AKP Leura can take noise measurements on your site or around your site and translate them into a noise contour map which shows areas of high and low noise and indicates the source of noise.

Auditing

AKP Leura can provide auditing against the requirements of your management system as internal audits and can also provide:

- Preliminary audits
- Gap audits against the standards
- Legal compliance audits
- Assistance with audits provided by certification organisations.

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Trading as AKP LEURA

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Menu

<i>Item</i>	<i>Indicative cost including GST</i>
Assistance with government agencies	Please ask
Dangerous Goods Audit & set up a Dangerous Goods Register	\$1,320
Environmental Management Officer Training on CD ROM	\$500
Full implementation of single Management System (Quality, Safety, Environment or HACCP) to certification stage	\$1,100 per month
Gap audit to find the gap between your Management System and the requirements for certification	\$660
General environmental training module to all on site over 1 day	\$660
General quality training module to all on site over 1 day	\$660
General safety training module to all on site over 1 day	\$660
Implementation of more than one Management System	Please ask
Internal auditor training	\$660
Legal compliance audit	\$1,320
Let and supervise contract for underground tank removal	\$2,000
Monitor MSDS (Material Safety Data Sheets) and keep updated	\$660 then \$160 a month
Noise contour map of your site (external) for environmental system	\$660
Noise contour map of your site (internal) for safety system	\$660
NPI form submission	\$300
Preliminary Audit	\$600
Produce a list of Environmental Risks (Aspects) and rate them	\$1,980
Set up a Dangerous Goods approval system	\$660
Set up a LOTO (Lock Out Tag Out) system	Ask
Site induction on self operating CD ROM with testing	Ask for choices form
Site induction presentation in PowerPoint	\$330
Site induction presentation on DVD (includes sound)	\$500
Write report on effluent discharge	\$300

All prices above include GST. We would be happy to quote a fixed price where the scope of the work can be ascertained. Other work is charged at \$82.50 an hour including GST, payable monthly on presentation of invoice. If you want something not on the above list please ask.

Travel within the Brisbane region is free. Travel outside the Brisbane region will be charged at cost plus 10% handling fee after adjusting for GST.

We accept:

- Company orders
- Visa
- MasterCard



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