

Energy Concepts™

Energy Concepts™ is our scientific way of thinking about management of injury and disease.

This way of thinking states that:

1. Injury or disease is basically damage to the tissue or function of a person.
2. This damage is the consequence of an energy exchange.
3. The damage may be permanent, temporary or minor.

The basic damaging energy model was first developed in the 1960s by William Haddon Jnr. Since then, it has been further enhanced by Geoff McDonald and InterSafe.

Ultimately our task, in managing health and safety, is to understand how different energies produce damage and to put in place effective energy management strategies.



Integrating the Energy Concepts™ models into your organisation will provide a clear focus for hazard awareness and a better understanding of effective controls. It will enhance your data collection activities. It will focus your risk assessment activities. It will provide focus for your Safety Leadership program and your Behaviour Observation program.

Energy Concepts™ is unlike other hazard awareness and risk management tools. It is based on sound scientific principles and provides understanding of what energies to manage and how to effectively manage them. Other hazard awareness models are based on vague questions of “what could hurt you” and rely on perception of risk. Energy Concepts™ is a framework for assessment of real risk.



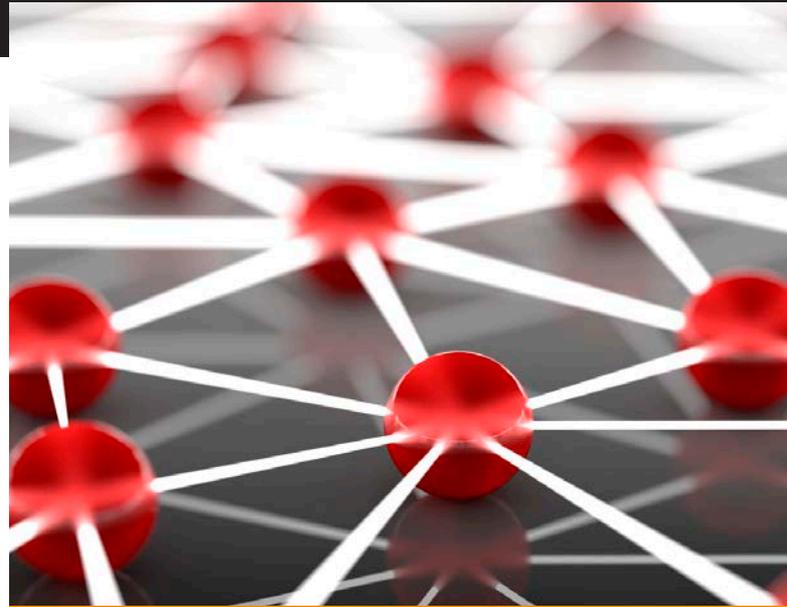
We also use the Damaging Energy Framework to produce Taxonomies which are pattern analyses of historical data. This approach provides a clear focus for industry on which energies are the Pareto energies.

The extent to which you choose to integrate the Energy Concepts™ model is up to you.

- You can classify and report your incidents by our Damaging Energy Classification System.
- You can revamp your organisational and front line risk assessment tools to include an energy based focus.
- You can conduct energy based audits or tool box talks.
- You can include energy based questions in your design reviews.

You could simply provide information to your leaders and workers through training to sensitise them to those damaging energies that must be managed well in the work place.

Please contact us if you desire to integrate the Energy Concepts™ model into the systems of your organisation and we will negotiate a suitable Intellectual Property agreement with you.



Energy Concepts™ Courses

A range of Energy Concepts™ courses are available:

Module 1: Understanding Permanent Personal Damage

Module 2: Understanding Human Energy – Manual Handling

Module 3: Understanding Gravitational Energy

Module 4: Understanding Vehicular Energy

Module 5: Understanding Electrical Energy

Next Steps

If you would like to discuss an **Energy Concepts™** course or how InterSafe could assist you please contact one of our team on:

+61 7 3895 8111

or enquiries@intersafe.com.au

Who is InterSafe?

InterSafe specialises in incident investigation to Engineer Safer Workplace Solutions. InterSafe has assisted our clients in effectively controlling the future through preparation of more than 10,000 comprehensive incident reports (dealing mostly with fatal/permanently disabling occurrences) throughout 60 years of collective experience.

This experience has led to a unique way of thinking about, investigating and preventing incidents. InterSafe shares these powerful and effective investigation models and techniques through a range of courses and services.



InterSafe

Protecting People

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