



Compliant Machine Safety Guarding

PRACTICAL HAZARD ASSESSMENT > RISK EVALUATION > DESIGN > MANUFACTURE > INSTALLATION > MONITORING

Mainstream Engineering Limited (MEL) helps clients provide safer worksites. MEL machine safety-guarding is AS/NZS 4024 Safety of Machinery compliant for all industrial sites, plant, equipment and machinery.

STEP 1

PRACTICAL HAZARD ASSESSMENT

MEL follows a systematic procedure involving standardised documentation to identify and assess hazards, risks and potential risk management measures.



This industry proven system can be used effectively on entire plants, selected areas or individual machines.



STEP 2 > RISK EVALUATION

The MEL risk evaluation process delivers a prioritised risk rating that considers:

- likelihood
- consequence
- frequency
- scale/exposure.

We work with clients via a

consultative process to identify compliant and appropriate risk management solutions.



STEP 3 > DESIGN

The MEL design team develops robust, practical and efficient design solutions that best meet our client's needs. MEL safety-guarding design includes:

- consultation with affected parties
- practical operational and maintenance access
- unique and robust MEL industrial safety-guarding hinges that are suitable for all swinging gate and guard applications. Hinges can be galvanised, painted or manufactured in stainless steel
- compatibility with electrical, laser and optical sensors and switches.



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STEP 4 MANUFACTURE

We manufacture standardised or custom designed safety-guarding systems.

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STEP 5 > INSTALLATION

We install safety guarding systems on site, ensuring quality control at every step.

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STEP 6 > MONITORING

As part of a client's scheduled maintenance programme, we complete regular monitoring and review of control measures to ensure their continued effectiveness and compliance.

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AWARD WINNERS

Supreme Business of the Year Award
Excellence in Business – Large Business Award
Excellence in Innovation Award – Joint Winner

MEL is a multi-award winning company based in Kawerau, New Zealand, with branches in Auckland, Christchurch and Brisbane.

Our experienced personnel deliver professional, compliant, user-friendly and cost-effective solutions.



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