



Hire Industry Association of New Zealand (Inc.)

SAFETY AND HIRE

Risk Reduction to all in the supply chain



HIRE INDUSTRY ASSOCIATION OF NEW ZEALAND Inc.

- Safety Standards and Processes
- Advocacy and lobbying
- 490 members
- Equipment Safety Data Sheets [Scaffolding Tower obligations](#)
- APEX Marquee Best Practice Guidelines and Rigger Accreditation Program
- Silvercard™ EWP, Heights and Forklift Training Programs
- Hire Company Staff Education and compliance training



My team and I Run 3 Associations – HIANZ, Elevating Work Platform Association of NZ Inc (EWPA) and New Zealand Forklift Industry Association Inc (NZFIA)

HIANZ in existence for 44 years,

Prerequisite of membership is not just subscription paid.

General

Access

Forklift

Specialty – portable toilets and buildings, traffic management, power generation

Party and events

We exist to help with:

- Industry Safety Standards – ESDS, Ready to Hire tag system, Electrical Test and Tag
- Working on Bouncy Castle BPG, Wood splitter safety design, Portable Toilets GPG.
We recently dropped out an updated mobile scaffold safety alert for members after the tragedy in August in Auckland.
- We advocate on behalf of the industry into the halls of Government and other related parties.
- We create consistent messaging nationwide, so all Hire Companies are working to the same level with hirers.

Because No Hire company wants to have their customers being hurt.

- We work on providing support to Hire companies in delivering on their Primary Duty of Care with the above.
- We also run end user training in EWP and Forklift operations.
- We run industry training for Hire Companies to be a Hire professional

RISKS WITH PLANT AND EQUIPMENT

- Having the right equipment at the right time
- Trained and competent staff
- Compliance to safety standards
- Increasing Environmental compliance standards
- Employee tools/equipment meeting standards
- Equipment security
- Out dated/ not the latest technology



There is many risks that come with owning and operating plant and equipment
We all know the perceived, actual and controlled hazards and risks on plant and equipment use.

I'm not here to teach you how to do a risk assessment.

I'm here to expose the larger, all encompassing risks around plant and equipment -

- Right equipment at the right time
- Trained and competent staff
- Compliance to safety standards
- Increasing Environmental compliance standards
- Employee tools/equipment meeting standards
- Equipment security
- Out dated/ not the latest technology

So lets look at 7reasons Hire/rental reduces or in some cases removes those risks

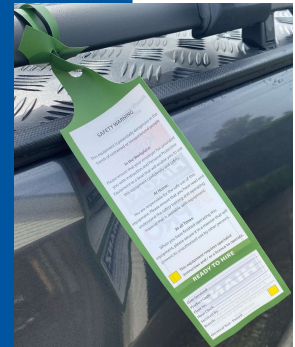
SEVEN REASONS TO HIRE OVER BUY

1. Ensure Safety

- Latest products, meeting current Safety standards
- Compliance with Electrical safety regulations (Test and Tag up to date)
- Task assessments, selecting the right equipment for the right task

2. Safety of your team

- All equipment is thoroughly checked prior to hire
- Equipment Safety Data Sheets provided along with operating instructions
- Hire Industry run training on EWP's and Forklifts to ensure safe operation



Safety is our number 1 priority in the Hire Industry. We want our customers to be safe when using our gear or doing the tasks they wish to complete.

- To do this we provide the latest equipment available, matching the latest safety standards.
- The Hire Industry holds not only the largest fleet of plant and equipment, we have the youngest aged fleet also with the exception of light vehicle leasing.
- There are so many safety standards and origins from where standards are referenced from by the regulator and legislation.
- We have NZS, AS, JAS, EN, ANSI, ISO, BS and many others to reference across.
- Hire is singled out in AS/NZS3760, In-service safety inspection and testing of electrical equipment and RCDs. Sections 1.2.4 describing hire equipment, 1.4.10 hire definition and table 2.4 test intervals. No other industry is singled out as much in this standard. Hire is the strongest complier of this standard, with every electrical item being in service at the time of hire. HIANZ members test and tag as part of their pre hire checks, meaning the item is in service for the next 3 months from the date of hire.
- The Hire fleet is always varying in type and abilities. This is to match the tasks of

the customer base.

- Hire companies always make sure they are providing the right equipment for the task described.
- We don't let 14" bar (350mm) chainsaws be hired out to cut a 500mm diameter tree. We talk to the customer, identify their task and needs and propose the right equipment for the task.

Safety of your team is paramount.

- All gear is thoroughly checked prior to hire to ensure it works as it should and the safety features are in place.
- You should of all seen a green "ready to hire" tag previously on hired equipment. This is to show you the HIANZ member has taken steps to ensure the equipment is good to go for your use.
- I jump forward to show you a copy of one of our ESDS sheets - Equipment Safety Data Sheet. It takes you through known hazards, controls and safe use, reducing the risk to you whilst using this equipment.

We currently have competency training for MEWP operators, but this will move to a licensing system also in the near future.

HIANZ manages a training program connected to NZQA unit standards for MEWP's called Silvercard. See www.silvercard.co.nz

This is delivered by independent trainer/assessors.

HIANZ manages the content and presentation to ensure a high level of quality training and consistency of delivery nationally.

A trained operator from Invercargill will be as well trained as an operator from Dargaville for instance.

The trainee database has over 25,000 operators with a licensing number associated already to the operator.

This is approx. 2/3rd total trained operators in the country. = approx. 32,000 currently trained operators (3yr competency before needing refresher).

Get your phones out, with camera on and hover over the QR code on the card on the slide on the screen.

It will take you to the Silvercard website page for verification of a competent operator.

The Silvercard competent operator card issues competency for all types of MEWPS, harness use and Forklifts.

There is talks of the card, carrying further construction related competencies and becoming the most recognised competent operator card system in NZ.

We are very close to launching an APP for the card, bringing all the features of the card, verification, book new training etc. all into the one place.

If you are a current EWP trainer/assessor, you can join the Silvercard program and deliver our content.

This is "for Industry, by Industry".

Not feeding any private training company pockets, all profits go back into the industry and the training program.

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BOUNCY CASTLES (INFLATABLE AMUSEMENT DEVICES)

HIANZ
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1 ALWAYS USE COMMON SENSE

This Equipment Safety Data Sheet is intended as a guide only for the safe operation of this device. It does not override Worksafe NZ recommendations or any other industry requirements or any instructions provided with this device Use common sense.

If you are unsure about any aspect of this bouncy castle or its capabilities or its suitability, or if you are in doubt as to its proper usage you must contact one of the Hire Company Employees or an industry expert before inflating. We strongly recommend you consult the Worksafe Victoria bulletin 'Landsome inflatable amusement devices'.

2 PLANNING FOR SAFETY

A Safety Plan must be devised and discussed before inflating the Bouncy Castle. We recommend a quick team briefing before inflating the Bouncy Castle to identify and understand all potential hazards, and define ways to reduce them.

- Check the weather conditions of wind and rain before unloading.
- Consult and review the manufacturers instructions.
- Survey the site for any potential hazards. Remove the hazards or relocate the Bouncy Castle.
- Identify the age of patrons and confirm maximum number to maintain conditions.
- Ensure all safety measures (blower setup, side cushioning materials) are in place before starting.
- Ensure first aid and emergency procedures are in place and communicated to all supervisors.

3 IMPORTANT HAZARDS

- STRONG WINDS**
Danger! Bouncy Castle must be anchored using all anchor points at all times, regardless of weather conditions. Never use a blower inside 25 knots or boresea gusts. Switch off blower immediately if ground becomes unsafe use.
- Danger! Use ESD or similar electrical protection to prevent electrocution. Use barriers to prevent unauthorised access to blower.
- Risk of Collision!** Minimum number of patrons on bouncy castle must not be exceeded. Risk of Injury! Use 1200mm wide impact material around open sides of Bouncy Castle to cushion accidental falls.

⚠ DANGER!

- Danger! Risk of back or muscular injury when lifting. Always use correct lifting techniques, lifting devices or additional helpers when loading and unloading.
- Children under 2 years of age must wear suitable safety seats as required to prevent facial injury.
- Never allow patrons to use the Bouncy Castle when under the influence of alcohol, drugs, medication or any ability-reducing substances.
- Recommended age of Supervisor 18 years minimum.

4 WORK ZONE

WORK SITE PRECAUTIONS

- Before inflating the Bouncy Castle ensure first aid and emergency procedures are in place and communicated clearly to everyone. Make sure you can call 111 in an emergency.
- Maximum Wind Speed 28 knots or 10 knots. At 28 knots, wind tears tent and loose ropes, small branches move in the wind.
- Reaction sheet to jetties, steep slopes, roof or drifts.
- Supervisors must be trained. Minimum age 18 years.
- Minimum 1200mm wide impact material required around open sides of Bouncy Castle to cushion falls.
- Bouncy Castle must be anchored using all anchor points at all times.

⚠ DANGER! First Aid Kit

Minimum 4.0 metres between Bouncy Castle and overhead power lines.

Ensure Blower area is secured.

No climbing on outside.

RCD Electrical Protection must be used.

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MINI LOADER - RIDE ON

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1 ALWAYS USE COMMON SENSE

This Equipment Safety Data Sheet is intended as a guide only for the safe operation of this Mini Loader. It does not override Worksafe NZ recommendations or any other industry requirements. You MUST be a competent qualified person to operate this machine. If you are unsure about any aspect of this machine or its capabilities or its suitability, or if you are in doubt as to its proper usage you must contact one of the Hire Company Employees or an industry expert before continuing.

2 PLANNING FOR SAFETY

A hazard identification assessment & control site plan, including a pedestrian management plan, MUST be in place before starting any work.

BEFORE USING THIS LOADER:

- Specify the tasks and methods for the job.
- Ensure that this Loader is the best machine for the job.
- Understand the capabilities of this machine and its load capacity.
- Identify any site specific hazards that may affect the safe use of this machine.
- Ensure site emergency procedures are in place.

3 PERSONAL PROTECTIVE EQUIPMENT

HEAD PROTECTION MAY BE REQUIRED

HEARING PROTECTION May be required if noise exceeds 85dB

SUN PROTECTION Protective clothing and sunscreen may be required for extensive outdoor use.

WEAR SAFETY CLOTHING
PROTECTIVE FOOTWEAR

4 IMPORTANT HAZARDS

- Danger! Collisions between vehicles and pedestrians can be fatal! You must have a pedestrian management plan in place to minimise the risk of collisions between vehicles, pedestrians and goods or material.
- Risk of Tipping! Always carry the load at the lowest position as possible. Avoid travelling with load raised higher than 100mm above the ground.
- Never exceed the load capacity or maximum permitted slope of the loader.
- Be aware of hidden surfaces! Always conduct a site assessment to identify all surfaces before starting work.
- Never operate in extremely wet conditions on sloping ground where the machine may slide uncontrollably.

⚠ DANGER!

- Always ensure the banner is stable and able to support the weight of the Loader - Bucket Load.
- Check escape path for obstructions and loads each day.
- The operator must ALWAYS be standing on the loader in operation. Only one person only in loader management.
- Never remove or tamper with the safety features of the machine. If any of the safety features have been tampered with or are not functional, do not use.
- Never leave the Loader unattended when working. Always secure machine to prevent and park brake applied.
- Exhaust gases are poisonous.
- Never use engine or exhaust pipes.
- Turn off engine when refuelling. No smoking.
- Follow warning. Do not operate continuously for long periods. Never operate the Loader if you are under the influence of alcohol, drugs, medication or any substance capable of impairing your abilities.
- Minimum age 18 years.

5 WORK ZONE

WORK SITE PRECAUTIONS

RISK OF CRUSH INJURY. ALWAYS OPERATE LOADER FROM OPERATOR POSITION. NEVER ATTEMPT TO OPERATE FROM ANY OTHER POSITION. ONE PERSON ONLY!

Risk of tipping. NEVER ATTEMPT TO TURN THE MACHINE WITH ROPE/ELEVATED, ESPECIALLY ON SLOPING GROUND.

NEVER APPROACH CLOSER THAN 3 METRES UNLESS KNOWN TO OPERATOR BY LOADER OPERATOR.

TAKE CARE WHEN LOADING AND UNLOADING THE MACHINE. USE A SPOTTER TO REDUCE RISK OF TIPPING.

ALWAYS CHECK SERVICES BEFORE DOING. IDENTIFY ALL SERVICES, ESPECIALLY ELECTRICAL CABLES.

Equipment Safety Data Sheet. It takes you through known hazards, controls and safe use, reducing the risk to you whilst using this equipment. The left one is for a Bouncy castle so even what would be considered the least important and lowest risk hire item has one and on the right is a mini ride loader, commonly known as a kanga – which is a brand of one.

SEVEN REASONS TO HIRE OVER BUY

3. Increasing Environmental compliance standards
 - Reduction of Carbon footprint
 - Higher utilisation, reducing number of machines imported
 - Modern, efficient plant and equipment
 - Reduced landfill
4. Repairs and Maintenance
 - No maintenance costs
 - Maintenance happens when required
 - No down time or delays
5. Employee tools/equipment meeting standards
 - Hired equipment complies to latest standards
 - Plant and equipment regularly inspected
 - Right tool for the task
 - Traceability of ownership



#3 is increasing environmental compliance standards.

Environmental sustainability is a growing and top of mind topic for the Hire industry. We are currently working on a CO2 calculator which provide a calculation on plant and equipment environmental footprint. This is in partnership with our European industry partners who are leading the way on environmental sustainability.

Hiring plant reduces the carbon footprint for whole of industry.

Less machines in the country (within reason) the lower manufacture, delivery and disposal footprints will be over the life of the equipment.

As mentioned before, the Hire industry is the largest fleet owner collectively and the fleets is the youngest in age, resulting in modern, efficiently operating plant and equipment

Hire has no maintenance cost to the hiree. This is handled by the hire company, on time, with little/no reduction of up time for the hiree.

I think we have all seen it in the past of a huge amount of issues when it comes to employee/contractor tools and equipment.

- On site theft
- Not having the right tool or equipment for the task

- Non compliant tool or equipment being used – service/maintenance quality.
- Equipment not compatible to particular site requirements.
- Tool/equipment allowance or rate variability and conflict.

A lot of these issues are removed by having fully hired equipment for the site. We are seeing an increase in NZ on trends out of Aussie and other countries, where Hire companies are supplying a site with all their plant and equipment needs. From hand and battery powered tools through to MEWP's and mobile plant.

Having a hire company positioned on site to assist with gear requirements on larger jobs adds tangible value to the job. The right gear is planned for the task and aligned to be on site, ready to assign out to the worker when required. Hire contracts are generated to authorised persons on site, who are fully accountable for the gear. Everything is inspected, ready to hire and there's no argument on who owns what.

SEVEN REASONS TO HIRE OVER BUY

6. Finance and investing in your business

- No liability on the balance sheet
- No Depreciation claw back tax on disposal
- Turn off Hire when finished, no depreciation on under used equipment
- Tax deductible
- Clear cost of job for client negotiations

7. Save space

- No storage yard
- Keep sites clear
- No down time, delays or loss time of staff.



Hire helps to avoid the burden of excessive investment, maintenance and other costs. Hire provides you with the equipment when you need it and so is more efficient than purchasing and watching your assets depreciate in value while they are not in use, thus improving your balance sheet.

When it comes to variations and cost-plus negotiations, Hire allows you to be fully transparent and collect a fair margin on the true cost.

How often on sites, do you send someone with task skills, away to pick up the plant and equipment off another job site or from your business yard. I used to when I was a lot younger. We would cruise the local main street, stop in a Macca's and then carry out a reverse track once we had what we needed. 1/2hr task becomes closer to 2hrs! I've also run a civil construction company. It was also a concern, should we need to retrieve all the plant and equipment back off site, we wouldn't be able to fit it all in. No-one attributes the cost of yard storage into the total cost of ownership. But yet it is a direct cost of it.

Further, how often have we seen contractors leave plant and equipment on site to save costs of disestablishment and reestablishment, filling sites up with under utilized equipment.

SUMMARY

- Unashamedly promoting hire over buying
- Hire Industry improves safety outcomes for all
- HIANZ members provide the “**Gold level**” Standard

QUESTIONS

I’m not ashamed to promote hire to you all.

It makes safety sense

Doesn’t overly affect the bottom line of a job

Improves efficiency, environmental impact, and reduced down time

HIANZ members work at a higher level than others, with your safety top of their minds.

Please forgive us for the questions asked at the time of hire

THANK YOU

Rodney Grant | *CEO*

Hire Industry Association of New Zealand (Inc.) w: www.hianz.net.nz

Elevating Work Platform Association of New Zealand (Inc.) w: www.ewpa.org.nz

New Zealand Forklift Industry Association (Inc.) w: www.nzfia.org.nz

Tel: +64 7 575 2563 | Mob: +64 21 997 184

e: ceo@hianz.net.nz | ceo@ewpa.org.nz | ceo@nzfia.org.nz |