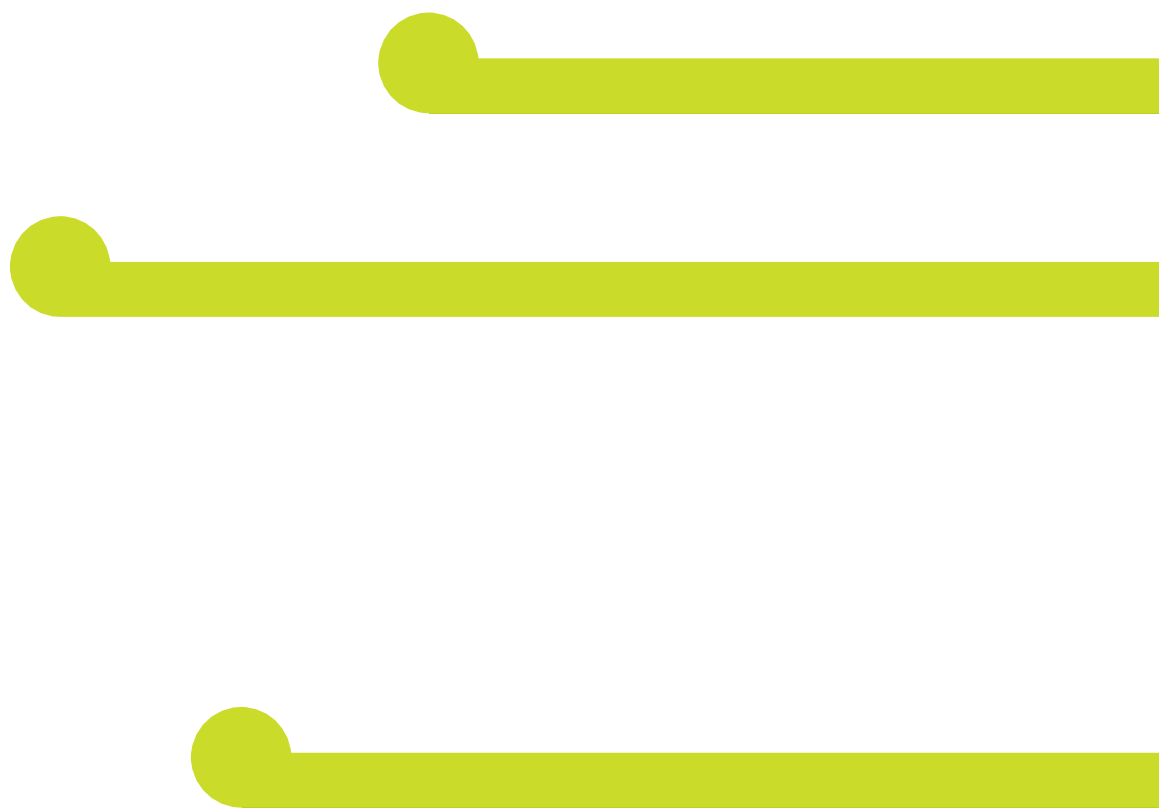


SURVEY REPORT

SAFE USE OF MACHINERY ROADSHOW

August 2014



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Executive Summary

In June – August 2014 National Programmes rolled out a Safe Use of Machinery National Road Show to launch and promote the new Best Practice Guide for the Safe Use of Machinery and supporting Safety Toolkit. We undertook this survey to gauge how the resources were received and whether attendees would come to a similar event, if offered, in 2015.

Here are the main findings:

- There were 358 responses to the survey or 22% of attendees.
- 59% of respondents had made changes to their workplaces and 70% of the changes involved machinery and 40% related to noise.
- For those that had not yet made any changes, 71% intended to do so and of those, 80% intended to make changes involving machinery
- The most used tool from the Safety Toolkit was the Hazard checklist
- 86% of respondents had shared their resources with someone else
- 95.7% of respondents would attend another roadshow
- The top three topics respondents would like covered in the next roadshow are machine guarding, legislation/guidance and staff engagement.

Background

The Safe Use of Machinery Harm Reduction Programme started in 2012.

Among the project goals were to:

- develop clear consistent guidelines including tools for inspectors and manufacturing businesses to use and
- raise awareness of the project nationally.

In May 2014 the Best Practice Guidelines for the Safe Use of Machinery (BPG), a Safety Toolkit and a suite of machine specific factsheets were released. The BPG, Safety Toolkit and factsheets were launched and promoted through a national roadshow targeting the manufacturing sector. The roadshow presentation also included the other critical harms WorkSafe is focusing on in manufacturing – airborne contaminants, noise and workplace transport. ACC also presented at the roadshow on the latest research in manufacturing, noise and respiratory protection. As part of the launch and promotion it was agreed to run a short-fire survey of the attendees to gauge the use they made of the resources, to get an idea of whether they would attend another roadshow if offered and what topics they would like covered.

The National Roadshow visited 12 centres from Whangarei to Invercargill. The majority of the 1300 attendees were business owners, safety professionals, engineers, suppliers and health and safety representatives. The roadshow created a demand from other regional centres and three extra presentations were held. In total 1600 people attended the roadshow in 15 centres and 7000 Best Practice Guidelines and Safety Toolkits have been distributed and mailed out.

The Roadshow was a resounding success in terms of numbers attending and the positive feedback from attendees.

"...really beneficial, with great tools to assist businesses in doing the right things"

"It is great to see the new proactive WorkSafe NZ getting out amongst industry and assisting in supplying safe practice information compared to historically purely enforcing it."

"I really enjoyed the seminar last night the resources are an excellent tool for people to use."

"Brilliant and informative meeting yesterday"!!

The Survey

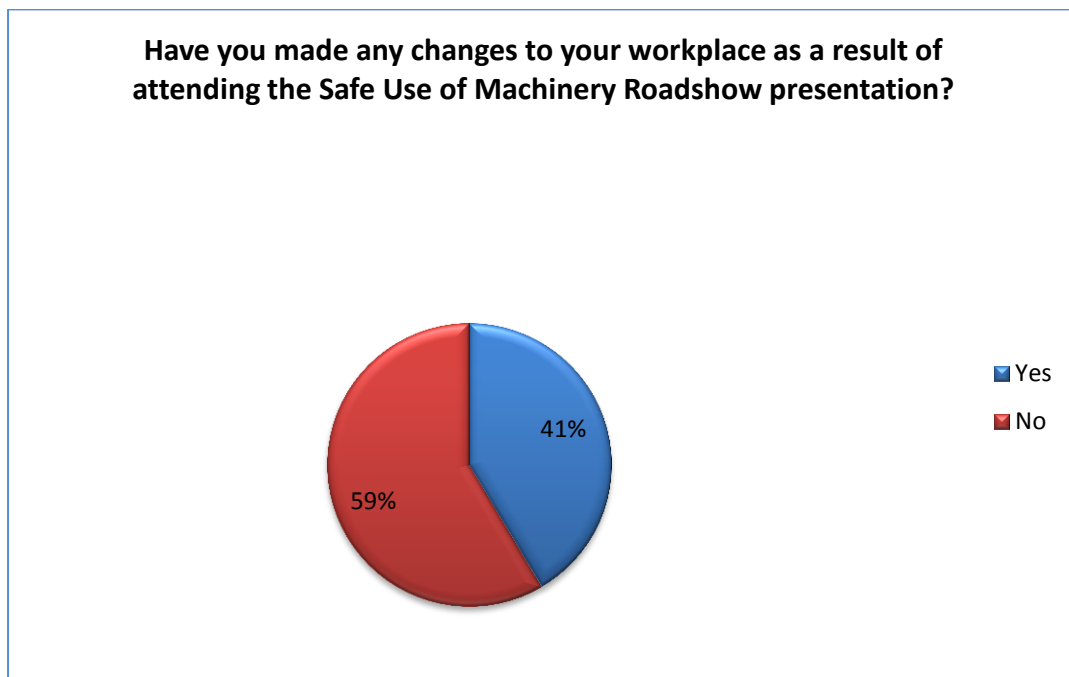
The survey consisted of 7 questions and covered a range of topics.

There were 358 responses to the Survey or 22% of attendees. The Survey opened on 14 July 2014 and for the purposes of this report closed on 5 August 2014.

Question 1

The first question was on whether the attendee had made any changes to their workplace as a result of attending the roadshow presentation. There were 349 responses, of these 145 had made changes and 204 had not.

Figure 1



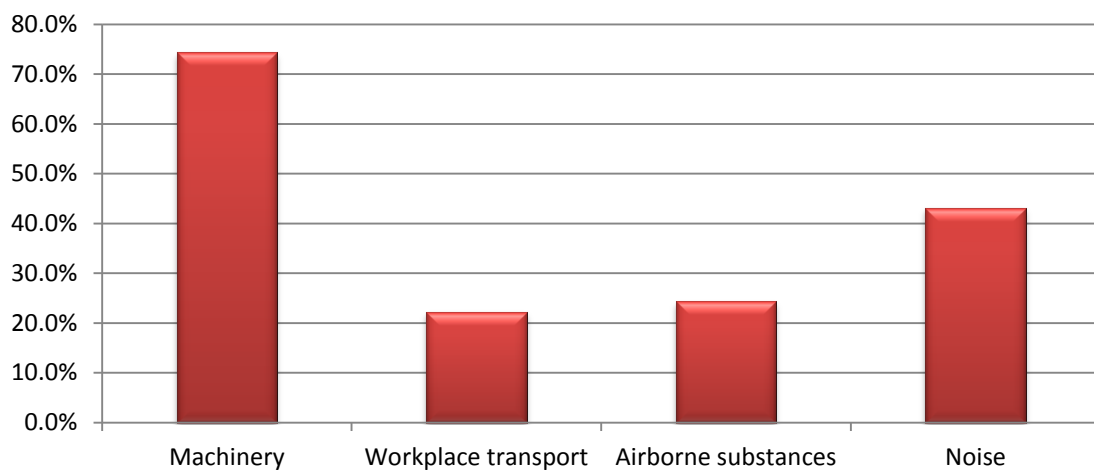
Question 2

If attendees answered yes to question one, they were then asked to describe the changes they had made. They could select a topic or numerous topics. There were 144 responses to this question; of these 107 reported they had made changes to machinery; 32 to workplace transport, 35 to airborne contaminants and 62 to noise.

The survey was sent out within a couple of weeks of the Invercargill roadshow presentation (26 June). There was a spike of responses on 7 July and another on 28 July when a reminder was sent out. Generally three weeks may not be enough time for businesses to make any changes, so to get 144 responses within this time frame was very encouraging.

Table 1

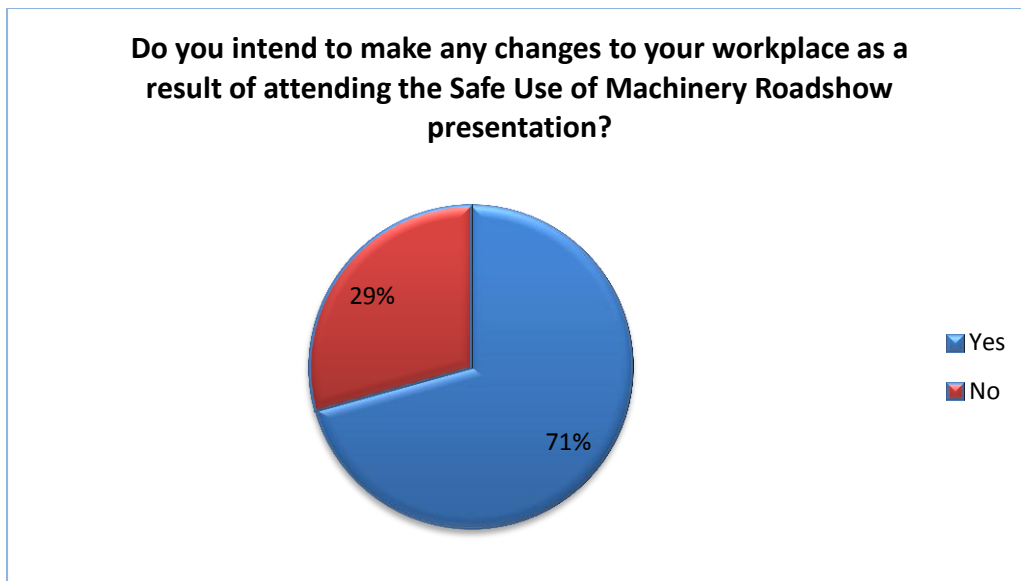
If you answered YES please describe the changes you have made to:



Question 3

With the short time frame in mind we also included the question whether attendees intended to make any changes based on the presentation. The response to this was extremely positive. There were 354 responses of which 305 reported that they intended to make changes.

Figure 2

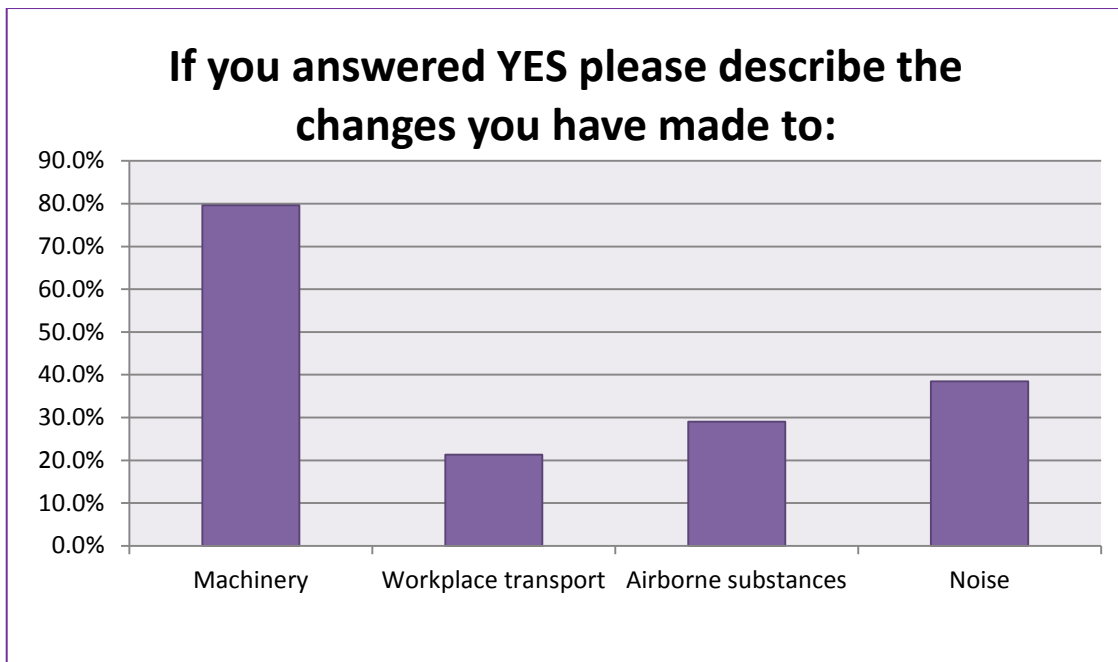


Question 4

The respondents were then asked to describe the health and safety changes they intended to make. The response was notably similar to the answers to question Question 2.

The top area was machinery (176) responses, second, noise (85), third, Airborne substance (64)and last workplace transport (47).

Table 2

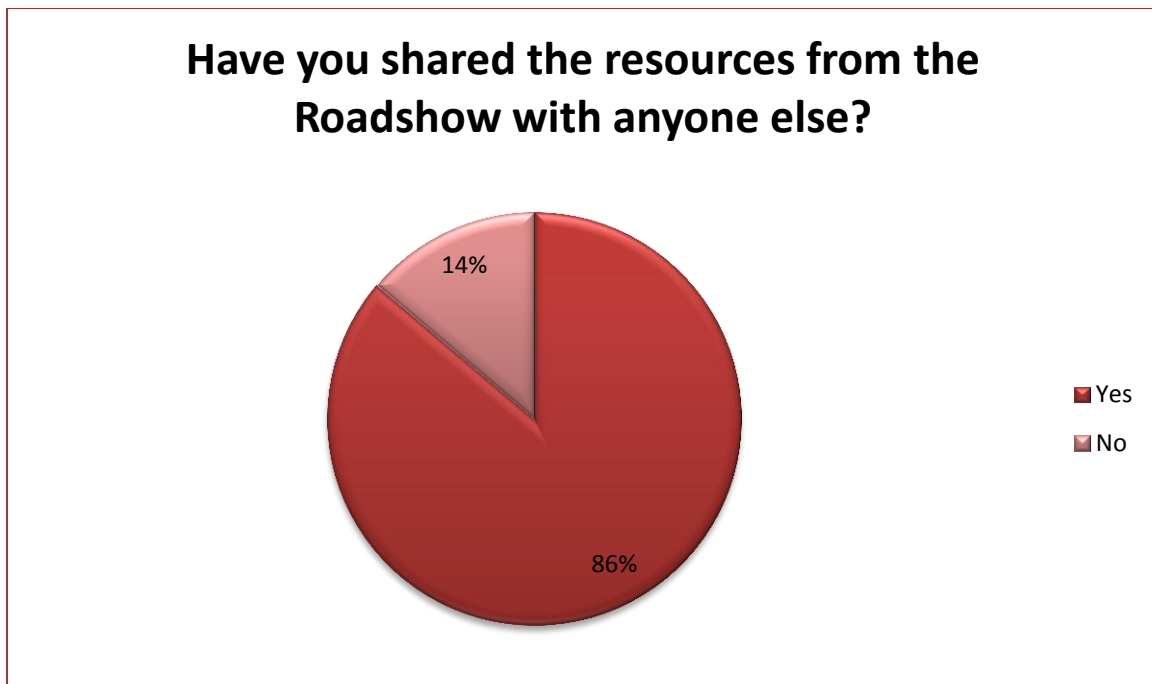


Question 5

Question five asked whether the attendee had shared the BPG for the Safe Use of Machinery and Safety Toolkits with anyone else.

There were 354 responses to this question; 305 answered that they had shared the resources from the roadshow.

Figure 3



Question 6

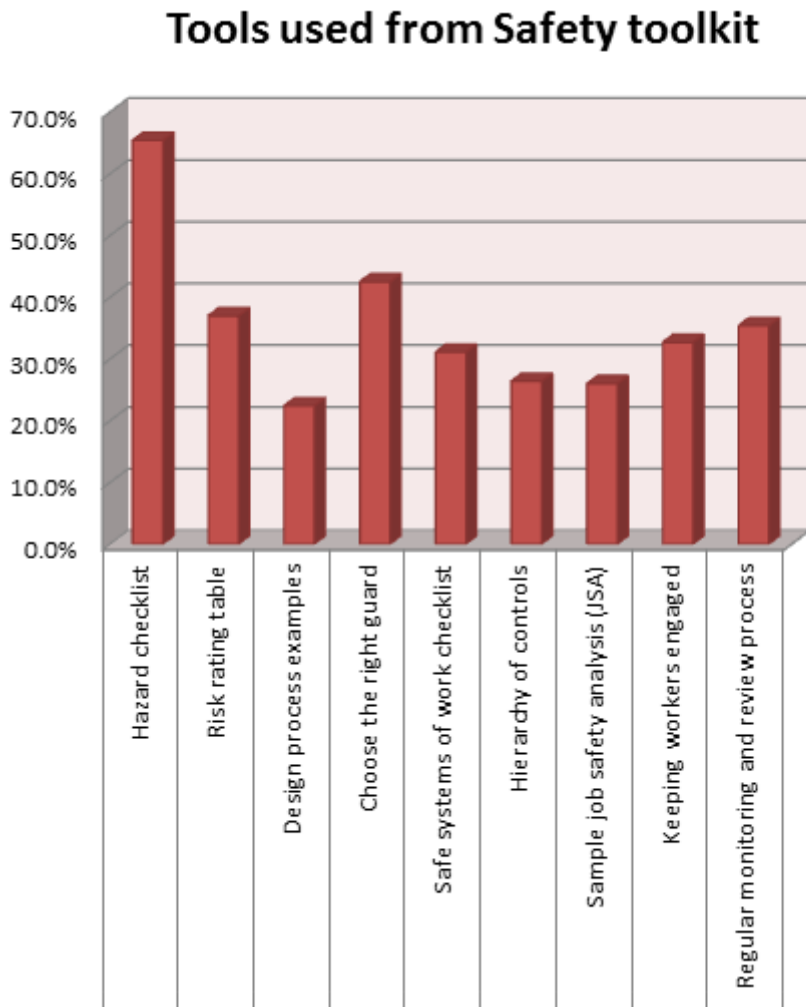
Question six asked attendees if they had used any of the following tools from the Safe Use of Machinery Toolkit?

There were 254 responses to this question. All tools that were supplied were being used, indicating that a need was being met. The Hazard checklist (166) was the most used tool.

The usage was as follows.

- Hazard checklist (166)
- Choose the Right Guard (94)
- Risk Rating Table (94)
- Regular Monitoring(90)
- Review Process (90)
- Keeping Workers Engaged (83)
- Safety Systems of Work checklist (79)
- Hierarachy of Controls(67)
- Sample Safety Job (66)
- Design Process Examples(57)

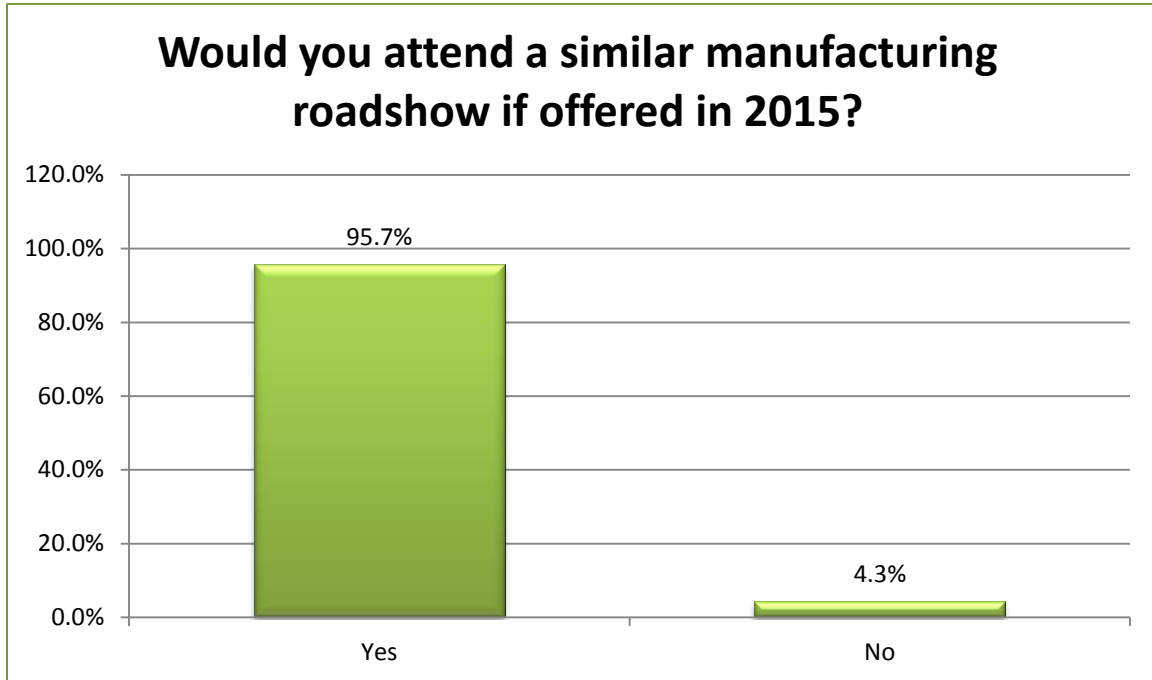
Table 3



Question 7

There was an extremely positive response to question seven, "would you attend a similar manufacturing roadshow if offered in 2015;" 352 people responded to this question with over 95% of respondents saying, "Yes."

Table 4



Those who responded “Yes”, were then given the option of commenting on what topics they would like covered.

There were 226 comments which have been classified into 14 categories. Some of the comments included a range of topics. It would have been time consuming to manually analyse each comment and pick out and categorise the topics that the respondents wanted covered at the next roadshow. The table below gives an approximate but good representation of what respondents are interested in.

The top three topics were Machine Guarding (37), Legislation/Regulations (32) and Staff Engagement (16). Other topics identified were:

- Workplace Transport (13)
- Working at Height/Confined Spaces (12)
- Hazard Id/ Risk (12)
- Manual Handling (11)
- HSNO (10)
- Compliance (10)
- Staff Training (6)
- Airborne Substances (5)
- Construction (2).

The comments around machine guarding were varied and included, machine safety, maintenance, design and manufacturing requirements, automation control systems,

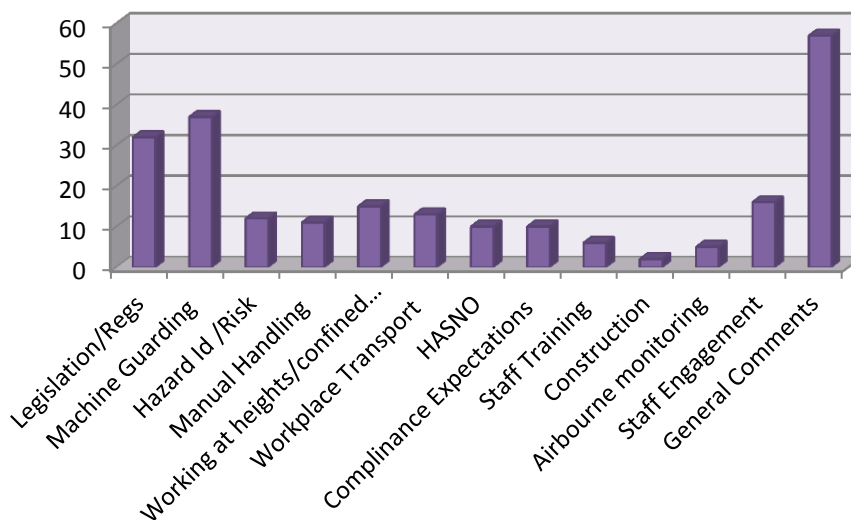
electrical design, and the need for imported machinery to meet health and safety compliance requirements.

Many respondents are interested in WorkSafe updates and that includes updates on the forthcoming Health & Safety at Work Act, Approved Codes of Practice, and industry changes, more in depth coverage of the BPG for the Safe use of Machinery, WorkSafe policies and requirements.

Staff Engagement came in third as a preferred topic which may indicate an awareness of the employee participation changes that are anticipated in the forthcoming Health & Safety at Work Act. The comments were generally around culture and change, keeping workers involved and engaged and there was one comment on engaging management and gaining commitment to change.

The comments under Workplace Transport included traffic management, gantry cranes, truck mounted cranes and forklifts. Mobile plant also came up under Working at Height/Confined Spaces.

Table 5



General comments covered a broad range from compliments on the running of the roadshow, resources offered and topics covered, to a desire see some design process examples and case studies shared at the next roadshow. A number of respondents said they intended to bring more staff along. Some suggested ways of improving our resources or means of delivery by developing cell phone applications to convert word-based documents into picture-based checklists or applications for hazard assessments on worksites that included an ability to take photos to be stored on a company's hazard register.

