



BRPPA RUBIAC REPORT - ACTION PLAN 2006-10

To: Cliff Seymour, TRISAG Secretary
From: Abid Dost, BRPPA HS&E Director
Subject: BRPPA Action Plan 2006-10; Report for Up to Dec 2010
Purpose: Monitoring Progress of Action completed to contribute to RUBIAC Strategy 2006-09
Date: 8 July 2011

5.1 Data collection

All RUBIAC trade association members to use the BTMA / BRPPA model to collect and analyse data at least annually to track and monitor achievement of the targets set in 5.2, 5.3, 5.7, 5.8 and 5.9 below.

BRPPA Completed the compilation of its accident statistics and working days lost as per the action plan for 2008, figures are as reported below.

5.2 Accident performance

By 31 May 2009 the industry's overall RIDDOR reported non fatal injury rate for employees will have been reduced to 1250 per 100,000 employees or better. The data from RIDDOR shows that for 04/05 the rate is 1579 per 100,000 employed. The BTMA / BRPPA data shows the rate amongst their members at 1734 per 100,000 to June 2005.

BRPPA Base rate for 2005 was 1461 per 100,000 employees and this had decreased in 2010 to 1164, a reduction of about 20%.

5.3 Working days lost

By 31 May 2009 the number of working days lost each year in the industry through accidents and occupational ill health will have been reduced by 9% compared with the number of days lost for the year 1st April 2004 to 31 March 2005.

BRRPA Base rate for 2005 was 42 per 100 employees. In 2007, the rate was found to be 32 days per 100 employees and in 2010 the rate was 22 days per 100 employees. Overall, between 2005 – 2010 a reduction of about 50% in working days lost had been achieved.

5.4 Safety management systems

By 31 May 2009 all employers in the industry will have in place, and be able to demonstrate, a safety management system that meets the approach set out in a recognised standard such as HSG 65 or OHSAS 18001.

In 2010, 88% of members reported being compliant with at least a HSG65 or equivalent standard, other members report as "working towards" this target.



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5.5 Safety culture and climate

By 31 May 2009 all employers in the industry will have established, and be able to demonstrate, a continuously improving safety climate in their businesses. They will undertake an assessment to measure safety culture / climate using a suitable survey tool such as the HSE climate tool or a safety attitudes survey like the one in BS8800. This would include the use of the BTMA / BRPPA tool.

Only 2 BRPPA members had formally engaged in assessment of their safety culture and climate using the BRPPA questionnaire. Other members reported that due to the small size of their organisation this was not feasible.

5.6 Occupational Health

By 31 May 2009 all employers in the industry will be able to demonstrate they have:

- a) access to and are making use of the services of either an in-house or external occupational health service provider; and
- b) put in place a documented active rehabilitation scheme.

All BRPPA members have access to OH services on an 'as and when needed basis' from local providers. By 2010, 30% of members had developed formal policies for rehabilitation and the remaining members had not felt the need to put such a scheme in place.

5.7 MSDs

By 31 May 2009 the industry's reported MSD rate will have decreased to below 450 per 100,000 employees.

BRPPA base line rate for 2005 was 531 per 100,000 employees. In 2007 the rate had decreased to 466 per 100,000 employees and 85% of companies had reduced their MSD rate to below 300. The rate reported in 2010 was 406 per 100,000 employees, a reduction of about 24%.

5.8 Workplace Transport

By 31 May 2009 the industry's reported workplace transport rate will have decreased by 10%.

BRPPA base line rate for 2005 was 36 per 100,000 employees. In 2007 the rate fell further to 22 per 100,000 employees and in 2010 the rate had reduced to 20 per 100,000 employees, a reduction of 44%; and 84% of companies had reduced their WTA rate to 0.



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5.9 Slips and Trips

By 31 May 2009 the industry's reported slips and trips rate will have decreased by 10%.

BRPPA base line rate for 2005 was 122 per 100,000 employees. In 2007, the STF rate had slightly increased to 121 per 100,000 employees and in 2010 this had reduced to 93 per 100,000 employees, a reduction of 24%, and 85% of companies had reduced their STFs rate to below 80.

5.10 Carcinogens

By 31 May 2009 all employers in the industry will have in place, control measures that ensure exposures to rubber dust and fume are kept below 50% of the workplace exposure limit (WEL).

BRPPA has completed the collection of data for exposure monitoring results for rubber fume and dust in 2007/08. Results of the complete analysis showed that:

For rubber process dust 8-h TWA mean personal exposure was 2.38 mg/m³ [n= 128; range 0.05 – 21.3 mg/m³; results >50% WEL= 5 (3.9%); results >WEL = 4(3.1%)]. It was noted that where exposures were reported as excess of WEL other RPE (in some cases forced fed air filter helmets) was provided. Overall, 93% of rubber process dust monitoring results were reported to be below 50% of the WEL.

For rubber fume 8-h TWA mean personal exposure was 0.24mg/m³ [n= 63; range 0.01 – 1.1 mg/m³; results >50% WEL= 8 (12.7%); results >WEL = 3(4.8%)]. Over, about 85% of fume results were below 0.3 mg/m³ (50% WEL). No further collection of data was undertaken for monitoring done in 2010.

5.11 Other Miscellaneous Activities to support the BRPPA Action Plan

BTMA/BRPPA jointly organised a workshop for senior managers in 2007 to outline the role of senior managers in H&S management. One workshop was held in 2008.

BTMA / BRPPA with assistance of HSE held a workshop in Nov 2008 for maintenance engineers in the rubber industry to raise awareness of the H&S issues relating to maintenance tasks.

BTMA / BRPPA members participated in the HSE seminars on LEV systems held in March/April 2009.

BRPPA's Polyurethane Elastomer Group commented on the HSE report on MbOCA monitoring carried out in 2009 and collaborated with HSL to undertake an evaluation of the effectiveness of gloves used in MbOCA work. This work will form the basis of the guidance issued for the industry on selection and use of gloves and the revision of "MbOCA and You" leaflet. BRPPA members collaborated with the HSE Cancers Project Team to further reduce risks of exposure to MbOCA via re-assessment of exposures in 2008. In addition, BRPPA members also contributed to the cancer statements for rubber workers and PU workers, both formally approved and published by RUBIAC.