

Via email: ken.harrison@fallshaw.com.au

May 22, 2007

Mr. Ken Harrison
Engineering Manager
Fallshaw Wheels and Castors
2 A Ayton Street,
SUNSHINE VIC. 3020

Dear Ken,

Re: Revised Assessment of the LIFTMASTER Universal BinLifter

The attached assessment has been constructed with the additional information that was obtained through the second physical assessment process conducted on Thursday May 17, 2007.

Recommended guarding design changes that were made following the previous report dated March 30, 2007 have been acknowledged.

Ken, should you have any questions in relation to the attached document please do not hesitate to contact me at your earliest convenience on 0409 995 597 or 9832 1555.

Kindest Regards,




Gerhard A. Hendricks (CPE)
Senior Consultant, NSCA VIC



FALLSHAW WHEELS & CASTORS

Revised Assessment of the LIFTMASTER Universal BinLifter

National Safety Council of Australia Ltd
322 Glenferrie Road
Malvern Vic. 3144
Tel: (03) 9832 1555
Fax: (03) 9824 6896

Prepared by:	Gerhard A. Hendricks	Date: 22 May 22, 2007
Approved for Release		Date: 22 May 22, 2007

Assessment of the LIFTMASTER Universal BinLifter

1.0 Executive Summary

The LiftMaster Universal BinLifter is designed to provide the end user with an effective and safe lifting device for the emptying of large and heavy plastic bins into large commercial dump master type bins.

The manual handling benefits that the LiftMaster Universal BinLifter provides the end user with will help to significantly reduce manual handling related injuries to supermarket employees. Furthermore, the LiftMaster Universal BinLifter has been designed for this specific market, however it is understood that it can be applied to broader applications.

Through the application of the assessment methodology, as described in Section 3.0 of this report, the assessor is satisfied that the Liftmaster Universal BinLifter offers the operator with a high standard of safety design which significantly reduces the risk of injury when the product is used in strict accordance with the procedures as outlined in the Liftmaster Universal BinLifter Installation and Operation DVD and the Operating Manual.

In order to benefit the user with the high standard of safety features offered by the Liftmaster Universal BinLifter, the assessor cannot stress enough the importance of training to the end user group with the training material supplied by the manufacturer together with the need to ensure that the product is maintained to its Original Equipment Manufacturer (OEM) operating standard.

Taking the above into account, the Liftmaster Universal BinLifter complies with the Australian Standard AS 4024.1 - 2006, Safety of Machinery in all relevant criteria as outlined in Section 4.0 (Assessment Findings).

2.0 Assessment Objectives

The objectives of the assessment are as follows:

- To identify the standard of guarding fitted to the LiftMaster Universal BinLifter meets the requirements of the Australian Standard (AS 4024.1 - 2006) Safety of Machinery.
- To ensure that the LiftMaster Operating Manual reflects all safe operating principles in order to ensure the user with a high standard of operational safety of the plant.

3.0 Assessment Methodology

The following methodology was applied throughout the assessment process:

- A detailed physical assessment was conducted of the LiftMaster Universal BinLifter in the presence of Mr. Ken Harrison, Engineering Manager. This assessment was performed for the purpose of ensuring that the recommended safety design changes (as specified in the NSCA report NSCA report dated March 30, 2007) had been applied.
- A full and detailed review was conducted of the Liftmaster Operating Manual in order to ensure that all operational procedures comply with the relevant safety criteria as specified within the Australian Standard AS4024.1 – 2006.

4.0 Assessment Findings

Through the application of the assessment methodology (as described in Section 3.0), the following findings have been made.

- All of the prescribed guarding based recommendations that were documented in the NSCA report dated March 30, 2007 have been successfully applied to the Liftmaster Universal BinLifter.
- Through the application of these recommendations, the Liftmaster Universal BinLifter provides a substantially safer level of operation than originally offered to the user at the time of the previous assessment when the plant was considered as a prototype.
- In accordance with the assessors' recommendations, the Liftmaster Universal BinLifter Operating Manual has been upgraded in order to reflect the high standard of safety that the product offers to the user.
- In accordance with the Australian Standard AS 4024.1 – 2006, the following safety design criteria have been met by the Liftmaster Universal BinLifter:
 - AS 4024.1301 – 2006
 - AS 4024.1502 – 2006
 - AS 4024.1601 – 2006
 - AS 4024.1602 – 2006
 - AS 4024.1603 – 2006
 - AS 4024.1604 – 2006
 - AS 4024.1702 – 2006
 - AS 4024.1702 – 2006
 - AS 4024.1703 – 2006
 - AS 4024.1801 – 2006
 - AS 4024.1802 – 2006
 - AS 4024.1803 – 2006
 - AS 4024.1901 – 2006
 - AS 4024.1902 – 2006
 - AS 4024.1904 – 2006
 - AS 4024.1905 – 2006
 - AS 4024.1907 – 2006 (applicable parts)