



SAFETY MANUAL

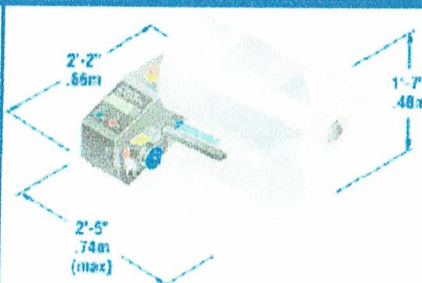
RISK ASSESSMENT – NEWAIR I.B.® EXPRESS SYSTEM

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DESCRIPTION OF PLANT: **NewAir I.B.® Express System**

DATE OF RISK ASSESSMENT : 27th January 2011

Specifications	
Electrical: 240 VAC, 50 Hz, 3 Amp, Single Phase Weight (without roll): 81 lbs. 36.7 kg. Overall Size (L x W x H): 2'-5" x 2'-2" x 1'-7" / .74m x .66m x .48m	

The NewAir I.B.® Express System has been designed and constructed to fulfill all the relevant provisions of the 2006/42/EC Machinery Directive, 2006/95/EC Low Voltage Directive, and the 2004/108/EC Electromagnetic Compatibility (EMC) Directive.

Risk assessment based on:

Loading film rolls onto the unwind shaft, feeding material through the sealing edge seal assembly, blowing air into the film and inflating and sealing.

This risk assessment is to be used in conjunction with the NewAir I.B.® Express Inflatable Cushioning System User's Guide.

All operators should be trained by an authorized Sealed Air® Representative.

The system must be plugged into a properly rated, grounded outlet.

Do not remove guards or access covers. The guards and access covers should be removed only by an authorized Sealed Air® Representative, or Qualified Service Personnel.



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Consequences	
Catastrophic	6
Major	5
Serious	4
Moderate	3
Minor	2
Insignificant	1

Exposure	
Constant	6
Frequent	5
Occasional	4
Infrequent	3
Intermittent	2
Rare	1

Likelihood	
Almost certain	5
Likely	4
Moderate	3
Unlikely	2
Rare	1


RISK SCORE TABLE				
1	3	6	10	24-26
2	5	9	20-23	45-49
4	8	17-19	39-44	100-124
7	14-16	33-38	75-99	150-179
11-13	27-32	50-74	125-149	180-220

C x E x L =
RISK SCORE

LOW

MEDIUM

HIGH

FACT. NO.	ACTIVITY / OBSERVATION / PLANT	Is there a risk			C	E	L	Existing Risk Score	New Risk Score
		Yes / No	If No, (Describe the risk control measures already implemented to address the hazard)	If Yes, Planned control measures and implementation dates					
1.	Lifting film roll onto the unwind shaft. Ergonomics. 800mm = 28kg 400mm = 14.5kg	Yes	Warning sign on cartons. 	Two man lift required for 800mm rolls. Recommend use of trolley or other lifting device for moving individual rolls of material around and assist in lifting to required height.	3	2	3	18	2x2x2=8



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2.	<p>Closing clamp when loading film through edge seal. Pinch point.</p> 	Yes		Function to be completed by a trained Operator only. Follow the user and warning instructions in the users guide.	2	3	1	6	$2 \times 3 \times 1 = 6$
3.	<p>Feeding material through edge seal assembly rollers. Burn, entrapment.</p> 	Yes	Plastic Guard installed.	Function to be completed by a trained Operator only. Follow user and warning instructions in the users guide. Keep fingers, loose hair, clothing and jewelry away from the edge seal roller.	2	3	3	18	$2 \times 3 \times 2 = 12$
4.	<p>Inflating and sealing material through edge seal assembly rollers. Burn, entrapment.</p>	Yes	Plastic guard installed.	Function to be completed by a trained Operator only. Follow user and warning instructions in the users guide. Keep fingers, loose hair, clothing and jewelry away from the edge seal roller.	2	3	2	18	$2 \times 3 \times 1 = 6$



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5.	Performing repair work or general maintenance. Burn, entrapment, electrical.	Yes		Repair work or maintenance only to be carried out by an operator who has received full training from an authorized Sealed Air Representative, and as instructed in the user guide. Use protective eyewear. Use lock out tag out as directed in the user guide. Electrical work to be carried out by qualified Electrician only.	4	2	3	24	4x2x1=8
6.	Noise level. Hearing.	No	The NewAir I.B.® Express System operates at a noise level below 85dB.	The noise level of the location should be assessed when the machine has been installed. If noise level exceeds 85dB, hearing protection should be worn.					
7.	Moving the NewAir I.B.® Express System around the users site. Manual Handling. Ergonomics.	Yes		Always use two people to lift. Utilise trolleys or lifting gear to move the system to different locations.	4	1	4	16	4x1x2=8

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C x E x L = RISK SCORE

LOW MEDIUM HIGH

Conducted by: Tony Christoudoulides, Fiona Brunning, Ken Koh, Regan Roberts

Ken Koh
Ken Koh

This risk assessment was performed on a standalone machine which was not part of an integrated system. The Customer has to perform a separate risk assessment once the machine is installed at its premises. It is important for the Customer to monitor risk controls and review risk assessments regularly.

Risk assessments should be reviewed on a periodic basis by the Customer to ensure any small or subtle changes that may have not have prompted a previous review have not had a cumulative and significant negative effect on safety. The combined effect of these small changes over a period of time also needs to be considered. Frequency of the periodic review should be based on the overall risk of the plant. Customer review of the risk assessment is required when there is a change in the process, relevant legal changes, and where a cause for concern has arisen. For any subsequent changes in machine operation mode and changes to existing machine and/or changes to safety related parts of control system should be followed up with fresh risk assessment by the customer.

Sign off (Authorised representative of the Customer):

System:	
Company Name:	
ABN Number:	
Name:	
Signature:	
Date:	



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