



IF THE RISK RATING (RR) IS ABOVE 16 WORK WILL NOT BE ALLOWED TO PROCEED UNTIL CONTROL MEASURES ARE REVIEWED AND REDUCED

Risk Rating (RR)

Severity (S) x Probability (P)

Low Risk = 1-8

Medium Risk = 9-15

High Risk 16-25

**Risk Assessment
RA018**

Belt Sander (New)

		Probability of Incident occurring				
		Frequent = 5	Likely = 4	Occasional = 3	Seldom = 2	Unlikely = 1
Severity Of Harm	Fatality = 5	25	20	15	10	5
	Major Injury = 4	20	16	12	8	4
	Reportable to HSE = 3	15	12	9	6	3
	Minor Injury = 2	10	8	6	4	2
	First Aid applied = 1	5	4	3	2	1

Hazard Identification and Assessment

Site and Location of work:	Humphrey & Stretton - Stretton House, 20, Pindar Road, Hoddesdon, Herts – EN11 OEU						Risk Assessment No.	RA0018		
Brief description of task or machine:	Belt Sander (New)			Location:	Factory area		Risk Assessment Issue No.	Issue 1		
Number of Persons at Risk: (anticipated in each category)	EMP	CON	PUB	VIS	Assessed By:	CG/DH/SH	Assessed on Site By:	CG/DH/SH	Duration of Task	Varies
	2	0	0	0	Date of Assessment:	23.09.2021	Date of Site Assessment	23.09.2021	Review Cycle	Where circumstances dictate

Code: Persons at Risk **EMP** – Employee **CON** – Contractor **PUB** – Public **VIS** – Visitor

Hazard Ref. No.	Hazard	Foreseeable Risks	Without Controls			Control Measures	Methods of monitoring control measures	With Controls		
			S	P	RR SxP			S	P	RR SxP
1	Exposure to rotating belt	Injuries sustained due to exposure to moving and rotting belt.	3	2	6	<ul style="list-style-type: none"> When feeding the door within the aperture make sure that you keep a reasonable distance away from the moving belt, and that fingers are kept clear. 		3	1	3
2	Eye Injury	Potential eye injuries due to running of the machine.	2	2	4	<ul style="list-style-type: none"> Make sure that eye protection is worn whilst operating the machine. 		2	1	2



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3	Dust exposure	Respiratory Irritation	3	4	12	<ul style="list-style-type: none"> Make sure good housekeeping is being maintained. Do not make dusts airborne. Make sure that Local Exhaust Ventilation (LEV) systems are working to the correct flow rate and that this is checked by a competent person every 14 months. Health surveillance is in place to monitor potential ill health due to dust exposure. 		3	1	3



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4	Entanglement and trapping	Injuries due to the potential of being drawn into the belt mechanism	2	2	4	<ul style="list-style-type: none"> Under no circumstances must gloves be worn when operating this machine. Rings and jewellery to be removed and hair and loose clothing tied back. When using the belt sander make sure that hands are kept clear from the moving belt. 		2	1	2
5	Un-trained person using the machine	Injuries that could be sustained by operating the machine in an unsafe manner.	5	4	20	<ul style="list-style-type: none"> Only authorised and trained personnel are permitted to operate the machine. 		5	1	5



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6	Slip, Trips and lack of housekeeping standards	Injuries that could be sustained by any slip and trips or poor housekeeping standards.	4	2	8	<ul style="list-style-type: none"> Make sure that good housekeeping standard maintained is to minimise slip and trips causing potential injury. 		4	1	4
7	Noise Exposure	Potential hearing loss	3	3	9	<ul style="list-style-type: none"> Make sure that hearing protection is worn at all times whilst using the machine. 		3	1	3



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8	Moving parts whilst maintaining or replacing components	Injuries sustained whilst maintaining or replacing components	4	2	8	<ul style="list-style-type: none"> Make sure that the machine is fully isolated and locked off before maintaining or replacing any components. 		4	1	4

