






Risk assessment for : Coulsdon Home Hardware Ltd











Risk assessment name	Carpentry and Joinery	Assessment type	 General
Assessor name	Simon Harris	Affected site(s)	Signature Homes Ltd (CR5 2RA)
Assessment date	20/02/2020	Review period	Annually
Approved by	Simon Harris	Review date	20/02/2021
Approved date	20/02/2020	Reference	CARPENTRY - 001

Description












This Risk Assessment is to assess the risks with 1st and 2nd fix carpentry & joinery.

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 Changing of cutting tools on woodworking machinery.	Operators How Many? All How? By way of bodily injury (cuts, amputations etc.) through coming into contact with moving parts of machinery and cutting tools/blades.	 Machine isolated before changing blades/cutting tools  Only competent persons are permitted to carryout the task.	1 x 4  4 Medium





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Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Electricity & Electrical Hand Tools 240 volts mains supply and 415 3 Phase supply</p>	<p>Operators</p> <p>How Many? All</p> <p>How? By way of electrocution, shock by coming into contact with live parts or faulty equipment.</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p>110 v equipment used on site</p> </div> <div style="width: 50%;">  <p>Any damaged/defective equipment is removed from use immediately</p> </div> <div style="width: 50%;">  <p>Cordless tools will be provided where appropriate</p> </div> <div style="width: 50%;">  <p>Fixed wiring (mains) tested at appropriate intervals</p> </div> <div style="width: 50%;">  <p>Regular PAT testing All electrical appliances to be Portable Appliance Tested (PAT) at regular and appropriate intervals</p> </div> <div style="width: 50%;">  <p>Selection and use of low vibration tools</p> </div> <div style="width: 50%;">  <p>Tools Checked Before Use</p> </div> <div style="width: 50%;">  <p>Vibration Assessment Undertaken Identify vibration magnitude from manufacturers data and calculate exposure using Hand-Arm Vibration Calculator.</p> </div> </div>	<p>1 x 4</p>  <p>4</p> <p>Medium</p>
















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Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Fire</p>	<p>All staff</p> <p>How Many? All</p> <p>How? By way of bodily injury, health issues and property damages due to fire caused by naked flame, faulty electrical equipment or systems, arson, explosion or chemical means.</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p>All fire wardens receive instruction on Fire Extinguishers</p> </div> <div style="width: 50%;">  <p>Cleaning chemicals stored securely when not in use</p> </div> <div style="width: 50%;">  <p>Daily checks to ensure all exits are clear and unobstructed</p> </div> <div style="width: 50%;">  <p>Emergency plan including first aid and medical assistance are available</p> </div> <div style="width: 50%;">  <p>Fire exit signs displayed Appropriate signs displayed to the nearest safe final exit to outdoors</p> </div> <div style="width: 50%;">  <p>Fire marshals The appointment of fire marshals and appropriate training given in the evacuation of staff and customers and the use of extinguishers for selected staff</p> </div> <div style="width: 50%;">  <p>On-Tool Extraction To Avoid Creating Dust</p> </div> <div style="width: 50%;">  <p>Routine Checking of Fire Exit Routes Routine Checking of Fire Exit Routes</p> </div> <div style="width: 50%;">  <p>Suitable fire equipment available and regularly maintained by a competent person</p> </div> </div>	<p>1 x 5</p>  <p>5</p> <p>Medium</p>












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Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Hand Tools</p>	<p>Operators</p> <p>How Many? All</p> <p>How? By way of minor injuries (e.g. cuts, splinters etc.) due to inadvertent use of the hand tools.</p>	 <p>Competent personnel are only permitted to operate equipment</p>  <p>First Aid Kit/First Aiders Available</p>	<p>1 x 3</p>  <p>3</p> <p>Low</p>


















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Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Hazardous Substances - Glues, Paints, Varnishes etc.</p>	<p>Operators</p> <p>How Many? All</p> <p>How? By way of health issues due to the exposure to non-controlled, potentially hazardous substances.</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p>Adequate ventilation provided</p> </div> <div style="width: 50%;">  <p>Cleaning chemicals stored securely when not in use</p> </div> <div style="width: 50%;">  <p>COSHH assessments communicated COSHH assessments have been communicated to relevant employees.</p> </div> <div style="width: 50%;">  <p>Employees trained in COSHH procedures Employees have been trained in how to use the chemicals and the safe system of work.</p> </div> <div style="width: 50%;">  <p>PPE provided</p> </div> <div style="width: 50%;">  <p>PPE worn Personal protective equipment is used required by risk assessment e.g. rubber gloves, respiratory protection etc.</p> </div> <div style="width: 50%;">  <p>Staff informed of health hazards Staff informed of health hazards (Silicosis and Dermatitis) from use of cement mortar and dusts from brick and blocks</p> </div> </div>	<p>1 x 4</p>  <p>4</p> <p>Medium</p>
 <p>Manual Handling of the Wood</p>	<p>Operators</p> <p>How Many? All</p> <p>How? By way of bodily injury (e.g. back/foot injury etc.) due to inadvertent lifting of loads.</p>	<div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;">  <p>A Manual Handling Assessment has been carried out</p> </div> <div style="width: 50%;">  <p>Individuals have received information, instruction and training in manual handling techniques</p> </div> <div style="width: 50%;">  <p>Long lengths of timber will be handled by at least 2 employees</p> </div> <div style="width: 50%;">  <p>Use of mechanical means to handle and transport large, heavy and awkward loads</p> </div> </div>	<p>1 x 3</p>  <p>3</p> <p>Low</p>

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Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Noise</p>	<p>Operators</p> <p>How Many? All</p> <p>How? By way of health issues (e.g. hearing damage, tinnitus etc.) through being exposed to excessive levels of noise over prolonged periods of time</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  Hearing protection notices provided to all areas where machining is carried out </div> <div style="width: 45%;">  Hearing Protection Provided and Worn in Designated Areas </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">  Hearing tests conducted Where workers are exposed to noise levels regularly that exceed 85db, an audiometric health assessment by a competent person is required </div> </div>	<p>2 x 3</p>  <p>6</p> <p>Medium</p>
 <p>Poor Housekeeping Area/activity may be subject to poor housekeeping.</p>	<p>Operators</p> <p>How Many? All</p> <p>How? By way of bodily injury from risks associated with poor housekeeping (e.g. slips on wood dust, trips and falls).</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  All staff are trained in good housekeeping techniques </div> <div style="width: 45%;">  Daily housekeeping inspections are carried out </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 45%;">  Good Housekeeping Observed Good Housekeeping Observed </div> <div style="width: 45%;">  Workplace is kept tidy and walkways free from trip hazards. </div> </div>	<p>2 x 3</p>  <p>6</p> <p>Medium</p>

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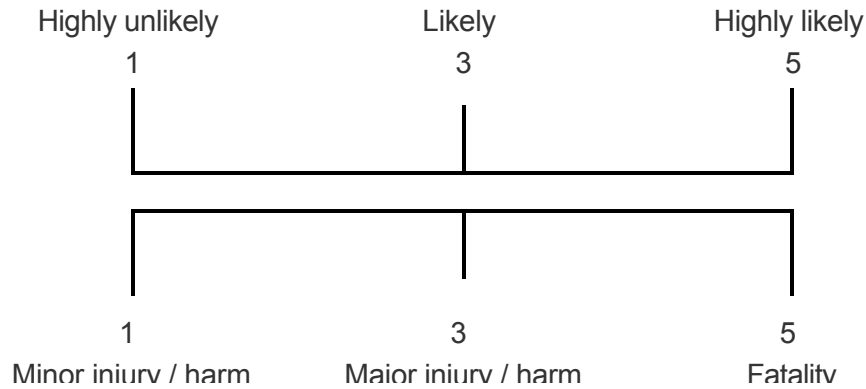
Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Wood Dust</p>	<p>Operators</p> <p>How Many? All</p> <p>How? By way of health issues (e.g. rhinitis, nasal cancers, asthma etc.) by the inhalation of harmful respirable wood dust.</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p> All L.E.V.s are tested every 14 months</p> <p> Eye wash available</p> <p> Local Exhaust Ventilation</p> </div> <div style="width: 45%;"> <p> Eye protection supplied to BS EN 166 standard</p> <p> Face-fitted FP3 Protective Mask Must Be Worn</p> <p> Provision of Written Method Statement for the Control Of Wood Dust</p> </div> </div>	<p>2 x 4</p>  <p>8</p> <p>Medium</p>
 <p>Work Equipment - Woodworking Machinery</p>	<p>Operators</p> <p>How Many? All</p> <p>How? By way of bodily injury (cuts, amputations etc.) through coming into contact with moving parts of machinery and cutting tools/blades.</p>	<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p> All guards & warnings in place</p> <p> Competent personnel are only permitted to operate equipment</p> <p> Machines will be kept in dry conditions</p> <p> Push Stick Used Push Stick Used</p> </div> <div style="width: 45%;"> <p> All machinery guarding is checked daily</p> <p> Guards Used At All Times Guards Used At All Times</p> <p> Only operatives over the age of 18 are permitted to use the woodworking machines</p> </div> </div>	<p>1 x 4</p>  <p>4</p> <p>Medium</p>

Further control measures

None required

Risk rating explanation

Risk ratings are calculated by considering the likelihood of an event occurring along with the severity of the potential consequence should an accident occur. After considering existing control measures, values are assigned to the likelihood and severity from the scales below and these figures multiplied to established the risk rating.



	5	10	15	20	25
5	5	10	15	20	25
4	4	8	12	16	20
3	3	6	9	12	15
2	2	4	6	8	10
1	1	2	3	4	5
	Severity				

Probability

What do your risk ratings mean?

- Risk is categorised as LOW: Look to reduce risk if practicable
- Risk has been categorised as MEDIUM: Begin to plan your action to reduce the risk immediately
- Risk has been categorised as HIGH: Immediate action required to reduce the risk

Assessor's signature: Simon Harris

Approved by signature: Simon Harris