



## Risk assessment for : Coulsdon Home Hardware Ltd












<b>Risk assessment name</b>	Work on roofs	<b>Assessment type</b>	 General
<b>Assessor name</b>	Simon Harris	<b>Affected site(s)</b>	Signature Homes Ltd (CR5 2RA)
<b>Assessment date</b>	20/02/2020	<b>Review period</b>	Annually
<b>Approved by</b>		<b>Review date</b>	19/02/2021
<b>Approved date</b>		<b>Reference</b>	ROOF - 001

Workspace(s)	Description
 Outside Area	This Risk Assessment is asses the risk of working on roofs











**Overall risk rating : 12 ( Medium )**

Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
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 <p>Adverse Weather Caution - lightning strikes, high winds/heavy rain, snow and ice.</p>	<p>All staff, contractors, visitors and members of the public</p>	<p> <b>Be mindful o 'sail effect'</b> Be particularly mindful of the 'sail' effect which large work materials can produce e.g. on plywood sheets, glazing. This 'sail effect' can be extremely hazardous, even in light winds.</p> <p> <b>Work postponed</b> Work shall be postponed if weather conditions endanger health or safety</p>	<p> <b>Weather conditions planned for</b> Weather conditions are considered and planned for. Avoid roof work in icy, wet or windy conditions Avoid excessive exposure to sunlight by use of sunscreens.</p>	<p>2 x 5</p> <p> <b>10</b></p> <p>Medium</p>
 <p>Electrical Faults Leading to fire or electric shock.</p>	<p>All staff, contractors, visitors and members of the public</p>	<p> <b>Electrical Equipment Fit for Purpose</b> Electrical systems regularly maintained and inspected by competent person</p> <p> <b>Pre use checks</b> Tools Checked Before Use</p>	<p> <b>Low voltage tools used</b> Low voltage systems / battery driven tools used</p> <p> <b>Regular PAT testing</b> All electrical appliances to be Portable Appliance Tested (PAT) at regular and appropriate intervals</p>	<p>2 x 6</p> <p> <b>12</b></p> <p>Medium</p>












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Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Falling Objects Due to un-secured items.</p>	<p>All staff, contractors, visitors and members of the public</p>	<p> <b>Barriers in Use</b> Nothing should be thrown from the roof. All waste material should be lowered from the roof or dropped down an enclosed chute. Access to the area below and adjacent to the roof should be prohibited. Arrange work times to reduce the number of passers by. Good house keeping to prevent the build up of material.</p> <p> <b>Good Housekeeping Observed</b>       <b>PPE provided</b> Good housekeeping throughout the roof work is very important</p> <p> <b>Tools secured</b> Where tools or equipment are being used adjacent to a roof edge and there is a risk of them falling and injuring those below those items must be attached to a safety lanyard.</p>	<p>2 x 5</p> <p> <b>10</b></p> <p>Medium</p>
 <p>Falling Tools Due to un-secured items.</p>	<p>All staff, contractors, visitors and members of the public</p>	<p> <b>Tools Carried Safely</b> Staff to wear appropriate PPE to include non slip shoes and tool belt.</p> <p> <b>Tools secured</b> Where tools or equipment are being used adjacent to a roof edge and there is a risk of them falling and injuring those below those items must be attached to a safety lanyard</p>	<p>2 x 5</p> <p> <b>10</b></p> <p>Medium</p>

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Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Fragile Roof Risk of falling through the surface if weight exceeded.</p>	<p>All staff, contractors, visitors and members of the public</p>	<p> <b>Crawling boards provided</b>  Fragility of roof material to be ascertained prior to work commencing.  Fragile roofs to be identified with warning signs.  Ensure that employees do not go onto or near to a fragile surface unless it is the only reasonably practicable way for the work to be completed safely taking into account the demands of the task, equipment and working environment; in this situation ensure suitable support is provided by the use of platforms or coverings. Support platforms to be at least 600mm wide and to be provided with means to prevent falls.</p> <p> <b>Guard rails provided &amp; used</b>  Prevent falls by provision of edge protection. Where parapet does not provide suitable protection:  Provide guard- rail, intermediate rail and toe board. Where this is not practical consider use of mobile anchor system or the use of powered access equipment for work of short duration.  Where work is limited to areas of the roof that do not involve anyone going within 2 m to the open edge then a system of demarcation should set up. This will require a physical barrier  ( bunting is not sufficient) No one to go outside the demarcated area.</p> <p> <b>Provisions of Written Safe Systems of Work</b>  Provisions of written safe systems of work for carry carrying out work.</p> <p> <b>Suitably trained employees</b>  All employees are suitably trained to carry out work and hold relevant tickets</p>	<p>3 x 7</p>  <p>21</p> <p>Medium</p>

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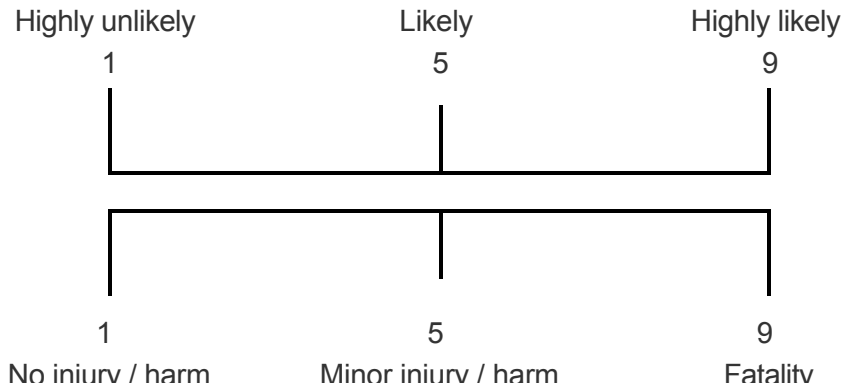
Hazard	Who could be harmed and how?	Existing controls	Risk rating (L x S)
 <p>Manual handling Tall, awkward &amp; unwieldy loads that are difficult to lift, transport and handle.</p>	All staff, contractors, visitors and members of the public	 <p><b>Avoid manual handling operations where possible.</b> Minimise need for manual handling by provision of hoists. Provide workers with information on weights of materials.</p>  <p><b>Manual handling training</b> Individuals have received information, instruction, supervision and training in manual handling techniques</p>	<p>2 x 5</p>  <p>10</p> <p>Medium</p>
 <p>Unsecure Ladders Ladders susceptible to falling, injuring the operator and those in the surrounding vicinity.</p>	All staff, contractors, visitors and members of the public	 <p><b>Access equipment inspected by a competent person</b> Equipment to be inspected before use and erected by a competent person.</p>  <p><b>Access equipment is suitable for the use</b> Where possible avoid need to access the roof. Example use powered access platform for inspection of roof.</p> <p>No ladders should be used if there is the possibility of contact with overhead electric wires or unprotected electrical equipment.</p>  <p><b>Defective ladders not used</b> Any defective ladders are removed from use until they are repaired or replaced</p>  <p><b>Ladder inspection</b> Ladder inspection to be undertaken by user prior to use</p>  <p><b>Training</b> Employees are trained in the use of ladders</p>	<p>2 x 6</p>  <p>12</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.



9	18	27	36	45	54	63	72	81
8	16	24	32	40	48	56	64	72
7	14	21	28	35	42	49	56	63
6	12	18	24	30	36	42	48	54
5	10	15	20	25	30	35	40	45
4	8	12	16	20	24	28	32	36
3	6	9	12	15	18	21	24	27
2	4	6	8	10	12	14	16	18
1	2	3	4	5	6	7	8	9

Probability

Severity

### 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: