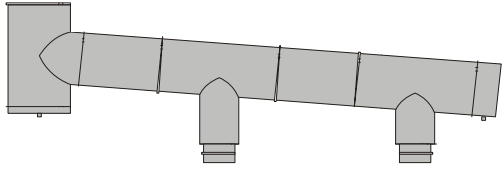


## COMPLETE FLUE SOLUTIONS LTD

Design, Supply and Installation of Commercial Flue Systems

### Risk Assessment / Method Statement

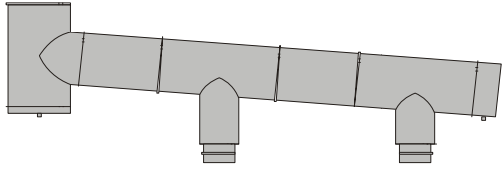
Client / Contact Details: Hewer FM		Project / Location: Cirencester Hospital – Boiler Replacement	
Project details. The installation of 2no. 300mm i.d Europa flue systems each serving a Hoval gas appliance. Each flue connects to its respective appliance rises to above the height of the boiler turns through 85 degrees before off setting into the base of the concrete wind shield. Turning vertically each flue rises to termination approximately 21meters above the boiler room floor.			
Assessor: Mark Gaskins		Date:27/03/2012	Task Start date:02/04/2012
<b>Who is at Risk?</b>			
Employees	<input checked="" type="checkbox"/>	Client Staff	<input type="checkbox"/>
Other Contractors	<input checked="" type="checkbox"/>	Trainees	<input type="checkbox"/>
Public	<input type="checkbox"/>	Children	<input type="checkbox"/>
<b>I D E N T I F Y  H A Z A R D S</b>	<b>Safety Assessment (if the hazard is present and significant tick the box)</b>		
	1) Slips, trips or falls on the same level	<input type="checkbox"/>	13) Entry into confined space
	2) Falls from height or Falling/Flying Objects	<input checked="" type="checkbox"/>	14) Dust or Fumes
	3) Chemical/Harmful Substances	<input checked="" type="checkbox"/>	15) Noise or Vibration
	4) Asphyxiation/Drowning	<input type="checkbox"/>	16) Electricity
	5) Heat/fire/explosion	<input type="checkbox"/>	17) Poor lighting or Poor ventilation
	6) Risks from plant/equipment/vehicles	<input type="checkbox"/>	18) Contamination (loose, airborne)
	7) Poor Access/Egress	<input checked="" type="checkbox"/>	19) Temperature (high/low) or Adverse Weather
	8) Object overturning/collapsing	<input type="checkbox"/>	20) Uncertified Equipment
	9) Manual Handling/Lifting Operations	<input checked="" type="checkbox"/>	21) Risk to others from your work
	10) Stored Energy or Insecure Load	<input type="checkbox"/>	22) Risk to you from work of others
	11) Additional First Aid Cover is required	<input type="checkbox"/>	23) Walking Into Hazards
	12) Vermin: Rats/Birds/Weil's Disease etc	<input type="checkbox"/>	
Other: Working at Height no work will be undertaken from the access ladder within the wind shield. Flue section will be connected and lowered from the individual floor levels and lowered to a safe working height on the platform below.			
Are you satisfied that the risk for each of these hazards is LOW when you take into account existing SSOW?			<b>Yes</b>
If No, Circle any ticks for hazards where the risk is not LOW and complete the ACTION section.			



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<b>Additional Safety Assessment.</b> For each circled hazard, enter the additional control measures /precautions you are able to take and then tick to say whether the risk remaining after those additional precautions is High Medium or Low. If High, do not proceed without a full written risk assessment.						
		<b>Hazard Circled</b>	<b>Additional Precautions</b>	<b>H</b>	<b>M</b>	<b>L</b>
<b>A C T I O N</b>						
Use extra blank pages if you need to. They need not be in this format. Write down the no of pages on page 2.						



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<b>C H E C K  &amp;  T H I N K</b>	1	Access Equipment Required	<b>Scaffolding to make the connection between 1no boiler and wind shield</b>	
	2	Specialist Tools Plant & Equipment Required	It is hoped the crane to be utilised to drop a number of flue sections onto the top platform within the wind shield to aid the installation.	
	3	Isolations Required (Water/Electricity/Gas etc.)		
	4	Hot Work Permit Required		
	5	Other Permits Required		
	6	Barriers/Signage		
	7	Substances Used (COSHH)	COSHH Assessments with the installation team to cover the items used.	
	8	PPE (Standard Requirement: Company Work Wear & Safety Footwear)  <u>Special Work Wear or PPE:</u>	<b><u>Tick and Circle as Required</u></b>	<b><u>Required</u></b>
		Safety Helmet	Y	
		Special Work Wear (eg. Welding, Kevlar)		
		Glasses/Goggles/Arc Mask/Face Mask	Y	
		Ear Muffs/Ear Plugs	Y	
		Gloves: Light Duty/Heavy Duty/Chemical	Y	
		Dust Mask/Respirator Type:		
		Safety Boots	Y	
		Safety Harness		
		Mobile Phone and Vehicle Re-charger		
		High Visibility Clothing		

**Risk Rating Table**

<b>Severity of Injury</b>	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
		1	2	3	4	5
		Likelihood of Injury				

**Green** = Low Significance

**Yellow** = Medium Significance

**Red** = Major Significance

### Risk Rating:

Taking into account the above, is the risk rating for the task, high, medium or low?

### Review:

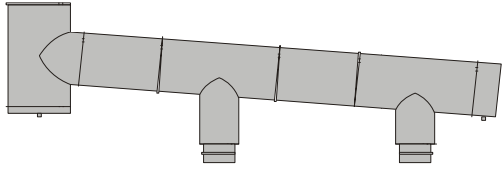
The above risk assessment should be reviewed on arrival at site to start work and while working.

Check there are no new hazards and no changes in circumstances that increase the existing hazards.

Unit 3 Mead Park Industrial Estate Mead Road Cheltenham Gloucestershire GL53 7EF

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Email enquiries@completefluesolutions.co.uk www.completefluesolutions.co.uk

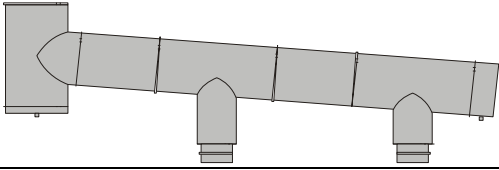


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<b>A C T I O N</b>	<b>Additional Safety Assessment.</b>		Tick if no changes are required and initial:		
	<b>Hazard</b>	<b>Additional Precautions or Changes</b>	<b>H</b>	<b>M</b>	<b>L</b>

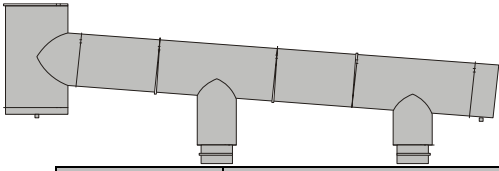
Duration / Time scale / Number of operatives	The installation is expected to be completed in two phases, each with a duration of two days. 3 operatives will be required on site.
On Site Supervision Arrangements Identify person in overall charge and detail his responsibilities	Mark Gaskins will be in charge of both the installation and implementation of our Health & Safety procedure
Safety of Third Parties (identified above) Identify works which may present a risk to third parties and detail control measures	Our work should not pose any risk to other workers due to the location
Environmental Controls Control of harmful emissions, eg. Noise, dust; disposal of waste.	Any waste generated will be limited to cardboard packaging which will be recycled.
Emergency Procedures	As per the Main Contractors site induction.
Please sign once you have read & understood	
Signed.....	Signed.....
Dated.....	Dated.....
Signed .....	Signed.....
Dated.....	Dated.....



# Method Statement for Installation of Flue Systems

Cirencester Hospital

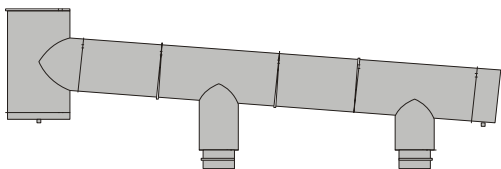
Task	Hazard	Risk	Controls	Residual Risk	<input type="checkbox"/>	<input type="checkbox"/>	Site Audit
Before you begin	Manual handling	Medium	Assess the site and park as close to point of work as possible to reduce fatigue and strain.	Low	<input type="checkbox"/>	<input type="checkbox"/>	
	Slips, trips and falls	Medium	Always use two staff and survey the route for potential trip hazards, slippery surfaces, changes in level and so on. Ask the client or other contractors to move stored goods or other obstructions.	Low			
	PPE	Medium	Ensure that you have the correct equipment to conform with the sites safety rules a minimum of safety boots, high visibility vests and cut proof gloves.	Low			
	Access	High	Should access be difficult through obstructions or other trades check with the Site contact or office regarding its removal.	Low			



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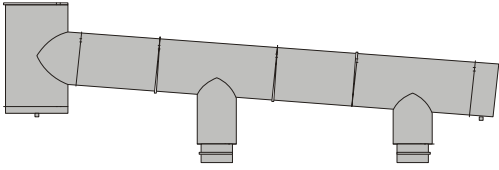
Task	Hazard	Risk	Controls	Residual Risk	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Site Audit
Unloading	Workplace transport safety	High	Ensure that the vehicle is parked as close to the point of work as possible but be cautious not to impede access by emergency vehicles or other site traffic. In this instance the flue will be offloaded and stored within the boiler room until installed.	Low / medium		
	Manual handling	High	Work in pairs with one person controlling the lift. Try to match staff on ability and move all flue as close to the point of fitting as you can. If the distance is more that about 30 feet plan for a rest to regain your strength or preferably use a manual handling aid such as a trolley or sack truck.	Low / medium		
Roof access	Manual handling	Medium	For scaffolded areas a hoist or item of plant should be available to raise the flue to roof level. If it must be manually handled then two staff must be used as previously stated taking advantage of manual handling aids.	Low		Not Applicable
	Falls	High	Scaffolding must show a sign of inspection within the past seven days by a competent person - if not displayed confirm this with the site contact. Edge protection must be in place or specific measures taken to control the risk of falls from height assessed and implemented.	Low		



## COMPLETE FLUE SOLUTIONS LTD

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Task	Hazard	Risk	Controls	Residual Risk	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	Site Audit
Fixing of the flue	COSHH Mastic sealant (irritant)	Low	The intumescent materials used have been selected as its performance is adequate and it is also a lower risk type. However, they are still classified as an irritant under the COSHH Regulations and impervious disposable gloves must be worn when applying it.	Low		
	Use of hand tools	Low	All handheld tools are 110vCTE or battery powered and annually PAT inspected. Fixing of the flue support bracket does involve step ladders, over reaching to be avoided.	Low		
	Installation Method	Low	The sections of flue will be lifted / transported to the point of use (manual handling) And installed as per the manufactures instructions			
After you finish	Slips and trips	Medium	Remove all tools, equipment and packaging and inform the site contact that works are complete and you will now be leaving site.	Low		



## COMPLETE FLUE SOLUTIONS LTD

Design, Supply and Installation of Commercial Flue Systems

### Complete Flue Solutions

Employee Names ↓	Dates ↓	Company Induction	Manual Handling	Elevating Work Platforms	CSCS	Abrasive Wheels	First Aid One Day	Tower Scaffolds	Asbestos Awareness	Step ladders	Working at height	Harness & Lanyards
M Gaskins			16/01/12	31/01/201	May 2013	11/02/201	Yes	16/01/12	11/02/201	23/06/09	23/06/09	23/06/09
R Edwards			16/01/12	31/01/201	yes	11/02/201		16/01/12	11/02/201	23/06/09	23/06/09	23/06/09
L Gaskins			16/01/12		yes	11/02/201			11/02/201			