

Risk Assessment Summary Sheet

Ref 024

Activity/Workplace; Operations with Bitumen Boilers / Patching Unit

Generic Risk Assessment					Risk Assessment after application of Control Measures					
Hazard	Risk	Risk Group	Likelihood	Severity	Risk Rating before controls	CONTROL MEASURES	Responsible Person	Likelihood	Severity	Risk Rating after controls
Hot Tar	Risk of Explosion causing serious personal injury Risk of Fire causing serious personal injury	Employees General Public Contractor	3	5	15	Set up boilers on firm level ground. Store the gas cylinder safely away from any heat source. Store only the minimum number of cylinders on site. Inspect all gas connectors before connecting up cylinder to appliances. A foam or dry powder fire extinguisher must be easily accessible. Keep sources of ignition away from gas cylinders. New operatives must be shown how to use the equipment safely by an experience operative. All new operatives must have their competency assessed by Line Manager before using equipment. Keep water away from hot bitumen. Don not splash when adding more bitumen. Use a tap to draw off bitumen, not a ladle. Keep the boiler lid in place as mush as possible. Turn off the gas supply if the boiler is left unattended for a long period of time. Direct heat must not be applied to the pipes, valves or the outside of the boiler. Adequate PPE must be worn when working with the boiler (gloves, safety glasses and boots). Heater must be turned off in transit. Employees must have relevant and valid CSCS cards and Safe Pass Appropriate toolbox talks to be given to operatives on an on going basis.	Line Management Employees	1	5	5