

Task Risk Control Sheet

Access Improvement using Tarmac

RCS No: NR/L3/MTC/RCS0216/OT20
Issue: 1

Key Risks !

- Burns
- Fire
- Manual Handling

Personnel Involved

E&P	
S&T	
Track	
Off Track	✓
Property	

Tools / Equipment

Ladles
Steel Buckets

Gas Gun
Hand Tools

Fire Extinguisher

Plant

Bitumen Boiler
Bobcat with sweeper/planer attachments

LPG Gas Burner

Paver
Bomag 80/120 Roller

Task Risks	Controls	Implemented By
Highway Traffic	<ul style="list-style-type: none"> • Carry out work from positions protected from Highway Traffic • Park vehicles associated with the work legally, 	All Staff
Route Crime and Members of Public	<ul style="list-style-type: none"> • Bind or place any loose materials where they cannot be used to cause harm or damage to staff or the Rail Infrastructure. • Protect the work area from access by the public. • See Risk Control Sheet NR/L3/MTC/RCS0216/GA04 – Work in or near Public Places 	All Staff
Use of Bitumen Boiler - Burns	<ul style="list-style-type: none"> • Check the equipment is in good working order before work begins each day. • Wear visor, fire retardant overalls and gauntlets at all times. • Cover areas of bare skin to avoid burns from splashes. • Do not throw blocks of bitumen into the boiler • Keep the boiler covered by a lid. • Fence off boilers located in areas where the public may have access. • See Risk Control Sheet NR/L3/MTC/RCS0216/GA04 – Work In or Near Public Areas 	Team Leader Staff Staff Staff Staff
Use of Bitumen Boiler - Fire	<ul style="list-style-type: none"> • When a boiler is in use it shall be thermostatically controlled and placed in a steel tray and on a firm level base. • Keep LPG Cylinders three Meters away from the boiler • Connect LPG cylinders to the boiler using reinforced hoses with proper connections • Check connections and hoses to Gas Cylinders for wear/damage or leaks prior to work commencing • Keep a dry powder fire extinguisher close to the boiler. • Keep the area Immediately surrounding the boiler clear of debris or flammable materials. 	Team Leader Team Leader Team Leader Team Leader

Task Risk Control Sheet

Task Risks	Controls	Implemented By
Manual Handling	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GH01 – Manual Handling. See Risk Control Sheet NR/L3/MTC/RCS0216/GA07 – Loading/Unloading Vehicles and Wagons. 	Team Leader / Staff
Delivery of Tarmac	<ul style="list-style-type: none"> Set an exclusion zone around the lorry whilst unloading the tarmac Do not move the vehicle until the tipping mechanism is lowered and secured Only the driver/operator shall activate and control the unloading process 	Team Leader/ COSS/Operator
Use of Plant	<ul style="list-style-type: none"> The operator shall carry out pre-use checks prior to use. Only competent operators shall be used to drive/operate the plant. Enforce an exclusion zone of 3 meters when plant is in operation. Stop the equipment immediately if staff enter the exclusion zone. Establish communications between the operator and Team Leader/COSS using a two way radio 	Team Leader/ COSS/Operator
Lining – Fire, Burns	<ul style="list-style-type: none"> Check connections and hoses to Gas Cylinders for wear/damage or leaks prior to work commencing A fire extinguisher (dry powder) shall be available Keep the area immediately surrounding the lining operation clear of debris or flammable materials. Wear visor, fire retardant overalls and gauntlets at all times. 	Team Leader / Staff
Fuelling	<ul style="list-style-type: none"> See Risk Control Sheet NR/L3/MTC/RCS0216/GA17 – Decanting fuel and fuelling of small plant . See Risk Control Sheet NR/L3/MTC/RCS0216/GHE05 – Refuelling 	Team Leader / Staff
Noise	<ul style="list-style-type: none"> Where high levels of noise are expected consult the local authority at least 6 weeks in advance of the works/ (the local authority may require NR to apply for permission to carry out the work and may require pre-work measuring or ongoing monitoring of ambient noise levels). Inform local residents in advance of work starting Limit activities to daytime where possible Ear defenders shall be used by operators and staff in areas where the noise level exceeds 85dBs 	Planner / Team Leader / Staff