



ATM-RISK ASSESSMENT

TASK: Use of Bostitch N512C Nail Gun				RA No: ATMRA2020/058			
EQUIPMENT / MATERIALS USED		<p>This piece of equipment is used to fasten fencing materials on site using 4 inch nails. The equipment weighs 6 kg and is only used by competent operators who had received training in its use.</p> <p>When in use on a 4 rail fence, the gun will be used 12 times per post. A fencing team will typically use the equipment on 12 – 14 posts per hour on average, although this may vary slightly when installing 5 rail fences.</p>					
PERSONS AT RISK:		<p>OPERATOR, PERSONS IN THE VICINITY, OTHER EMPLOYEES, CONTRACTORS, VISITORS, MEMBERS OF THE PUBLIC.</p> <p>(All operatives or teams of operatives are to ensure that the daily on-site risk assessment is completed prior to commencing any work on site.)</p>					
HAZARD / RISK	RISK LEVEL			CONTROL MEASURES	RESIDUAL RISK		
	S	L	RL		S	L	RL
Inadvertent ejection of nails	4	3	12	<p>The driving tip of the equipment is to be regularly checked for wear and tear</p> <p>All operatives required to operate this equipment will be required to wear ATM Ltd's standard PPE Issue. This includes eye protection offering front and side protection.</p> <p>The safety mechanism on the equipment should be checked before use.</p> <p>Regular operator checks are to be carried out in accordance with the manufacturer's instructions.</p> <p>The safety mechanisms on this equipment should not be interfered with in any way.</p> <p>The equipment is not to be used over the top of any existing nails or fastenings in order to prevent kickback or inadvertent discharge.</p> <p>Do not use the equipment next to the edge of the work piece in order to avoid splitting and the possibility of possible puncture type injuries.</p> <p>Only use approved lubricants in order to avoid unnecessary corrosion of the equipment's seals and bumpers.</p>	4	1	4

ATMRA2020/058	Original Author:	Rob Whamond	Date:	01-06-2021
	Reviewed By :	Dale Nelson	Next Review Date:	01-06-2022
Use the table below to calculate the severity and likelihood. (Severity X Likelihood = RISK)		Use the table below to indicate whether the Residual Risk Rating is:		
Severity of Outcome; 5 Fatality / Loss of Limb. 4 Serious Injury. 3 Moderate. 2 Minor Injuries. 1 Negligible. Likelihood of Harm; 5 Almost Certain , 4 Very Likely , 3 Fair Chance , 2 Remote, 1 Very Unlikely.		1 – 6 = Low Risk		Page 1 of 3
		7 – 11 = Medium Risk		
		12+ = High Risk		



ATM-RISK ASSESSMENT

HAZARD / RISK	RISK LEVEL			CONTROL MEASURES	RESIDUAL RISK		
	S	L	RL		S	L	RL
Pressurised Air	4	3	12	<p>When connecting the equipment to its air supply, ensure that the discharge point is pointed in a safe direction away from the operator or any other person.</p> <p>In order to avoid an inadvertent discharge during the connection of the equipment to it's hose, place the discharge point directly over a test piece before connecting the air supply.</p> <p>Do not exceed the maximum pressure level of 8.6 bar when using this equipment in conjunction with the compressor.</p> <p>Avoid depressing the trigger during connection of the air supply.</p> <p>Ensure that the air line is dis-connected before the adjustment of settings, servicing, cleaning, clearing jams or blockages or when the equipment is not in use.</p> <p>Ensure that any compressor used in conjunction with this equipment is subject to regular test, inspection and maintenance.</p>	4	1	4
Negligent Discharge / Operator Error	4	3	12	<p>Only trained operators may use this equipment.</p> <p>Any adjustments to the equipment are only to be made by a trained technician.</p> <p>When loading the equipment, ensure that it is pointed in a safe direction and that the trigger or safety switch is not depressed during loading operations.</p> <p>Ensure that hands, limbs and other body parts are kept away from the discharge point, at all times, during operation.</p> <p>Operatives shall avoid mis-use of this equipment at all times. Failure to do so will result in disciplinary action being taken.</p> <p>Always ensure that the tool is carried by it's handle and not its hose.</p> <p>Never leave the tool unattended with the hose attached.</p> <p>Do not use this equipment if an air leak is detected or suspected.</p> <p>Ensure that all air hoses are disconnected during transport of the equipment.</p>	4	2	8

ATMRA2020/058	Original Author:	Rob Whamond	Date:	01-06-2021
	Reviewed By :	Dale Nelson	Next Review Date:	01-06-2022
Use the table below to calculate the severity and likelihood. (Severity X Likelihood = RISK)		Use the table below to indicate whether the Residual Risk Rating is:		
Severity of Outcome; 5 Fatality / Loss of Limb. 4 Serious Injury. 3 Moderate. 2 Minor Injuries. 1 Negligible.		1 – 6 = Low Risk		
Likelihood of Harm; 5 Almost Certain , 4 Very Likely , 3 Fair Chance , 2 Remote, 1 Very Unlikely.		7 – 11 = Medium Risk		
		12+ = High Risk		
Page 2 of 3				



ATM-RISK ASSESSMENT

HAZARD / RISK	RISK LEVEL			CONTROL MEASURES	RESIDUAL RISK		
	S	L	RL		S	L	RL
Vibration	4	3	12	<p>The vibration levels associated with this equipment, based on the manufacturer's date, is 3.6m/s². Based on the general use of the equipment and allowing for up to 2 hours trigger time, the actual daily exposure works out at 1.8m/s².</p> <p>Operatives are required to wear gloves when using this equipment in order to keep their hands warm and in order to aid blood circulation in the hands.</p> <p>Where possible, operatives are to rotate the use of this equipment.</p> <p>All ATM controls for vibrating equipment shall be compliant with the Control of Vibration at Work Regulations</p>	4	1	4
Noise	4	3	12	<p>Noise levels associated with this equipment have been measured and are held within the company's noise risk assessment.</p> <p>Hearing protection is to be worn by all operatives using or working in the vicinity of this equipment, whilst it is in use.</p> <p>Site Specific controls shall be implemented in accordance with Control of Noise at Work Regulations.</p>	4	1	4

ATMRA2020/058	Original Author:	Rob Whamond	Date:	01-06-2021
	Reviewed By :	Dale Nelson	Next Review Date:	01-06-2022
Use the table below to calculate the severity and likelihood. (Severity X Likelihood = RISK)		Use the table below to indicate whether the Residual Risk Rating is:		
Severity of Outcome; 5 Fatality / Loss of Limb. 4 Serious Injury. 3 Moderate. 2 Minor Injuries. 1 Negligible. Likelihood of Harm; 5 Almost Certain , 4 Very Likely , 3 Fair Chance , 2 Remote, 1 Very Unlikely.		1 – 6 = Low Risk		Page 3 of 3
		7 – 11 = Medium Risk		
		12+ = High Risk		