

Form Number LLCF-006	Issue Date 03/17/16	Revision Date 01/01/24	Form Number LLCF-006
	Blasting Checklist		

Blasting Components	Yes	No	N/A	Notes
Air Compressor				
Fully maintained and serviced				
Capable of 125psi discharge pressure				
Located upwind and away from the blasting area				
High volume output, > 8,5 m3/min. (> 300 cfm) per nozzle based on nozzle size requirements plus 50% wear allowance plus 0,8 m3/min. (30 cfm) of quality breathing air per operator.				
High temperature safety cut out				
Oil and particulate filter separator				
Air Supply Hose				
Large bore hose (minimum 4 times nozzle orifice)				
Lock pins and/or whip checks installed				
Air Moisture Separator				
Regularly cleaned and maintained				
Compressed air moisture removal system with final moisture separator				
Large porting				
Blast Machine				
Check & maintain remote control valve system				
Check & maintain abrasive metering valve and fittings				
Cover and screen fitted				
Approved design				
Blast Abrasives				
Keep dry and protected				
Small palletized bags or bulk bags				
Safe, approved, productive, abrasive media				
Free of harmful substances (health or environmental)				
Blasting Components				
Blast Hose				
Keep as straight and as short as possible – check for wear or soft spots				
Abrasive resistant hose sized 3–5 times the nozzle orifice				
Blast Couplings/Connectors				
Check for gasket and component wear, and air leaks				
Lock pins and/or whip checks installed				
Remote Control Handle				
Check and maintain for safe operation				
Pneumatic or electric operation				
Optional abrasive cut off control				
Blast Nozzle				
Check for air pressure and liner/thread wear or damage				
Sized to suit air and workpiece requirements				
Long venturi (and other designs) with durable wear liner				

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Breathing Air Source				
Checked and maintained on a regular basis				
Located in a clean air atmosphere, upwind and away from the blast area and engine exhaust fumes				
Approved air compressor or dedicated breathing air compressor or air pump or bottled breathing air or other approved supply				
Breathing Air Filter				
Cartridges require regular programmed replacement				
Filters and regulates the breathing air supply				
Carbon Monoxide Monitor				
Checked, tested and calibrated on a routine basis				
Samples air and safeguards against toxic, carbon monoxide gas				
Ensures carbon monoxide level is below 11 mg/m ³ (10ppm)				
Breathing Air Line				
Approved and marked				
Climate Control Tube				
Air temperature within 15°C – 25°C range for operator comfort				
Complies with requirements				
Free of harmful substances (health or environmental)				
Blasting Helmet				
Inspected and maintained for wear and tear to the cape, collar, head gear and visor as per requirements				
Inner lens in place for impact protection				
Supplied with minimum 170 liters/min. breathing quality air				
Air quality regularly tested and test records maintained to check the following levels of contaminants: - Oil below 1 mg/m ³ - Carbon Monoxide below 11 mg/m ³ (10 ppm) - Carbon Dioxide below 1400 mg/m ³ (800 ppm) - Oxygen between 19.5 and 22.0%				
Blasting Helmet				
Earplugs and/or earmuffs essential for hearing protection				
Optional communication equipment				
Other Protective Clothing				
Leather gloves				
Blasting suit/protective overalls				
Safety footwear				
Work Hazards, check, control and eliminate wherever possible:				
Physical dangers – tripping, falling, crushing				
Toxic substances e.g. lead, arsenic, cyanide, heavy metals, chromates, free silica, etc. present either in the abrasive, the coating, the substrate or the environment.				

Inspector Name: _____

Inspector Signature: _____

Date: _____