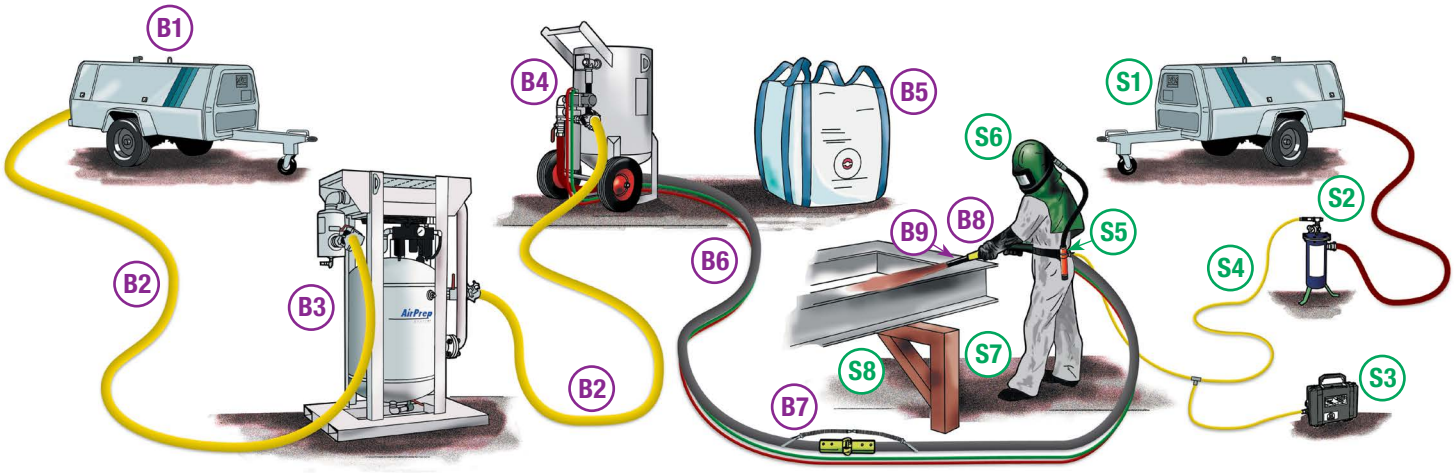
Daily Component and Work Area Checklist

BLAST ONE® Abrasives + Blasting & Coating Equipment

Company Name: _____ Date: _____

Job Details: _____ Completed by: _____



BLAST COMPONENTS

B1 Air Compressor
- Fully maintained, serviced and fuelled ☐
- Located upwind and away from the blasting area ☐

B2 Air Supply – Bull Hose
- Large bore hose (4 times nozzle orifice minimum) ☐
- Large connector fittings with whipchecks and/or safety chains installed ☐
- Coupling gaskets in place ☐
- Coupling pins fitted ☐

B3 Air Moisture Control
- Condensate drained and air motor lubricant filled ☐

B4 Blast Machine
- Deadman handle and twinline free from leaks ☐
- Abrasive metering valve cleaned, fittings checked/maintained ☐
- Lid and screen (portable hoppers) fitted ☐
- Coupling gasket checked ☐
- Test pressure relief valve (if fitted) ☐

B5 Blast Abrasive
- Kept dry and protected ☐
- Certificates and batch numbers recorded ☐

B6 Blast Hose
- Kept as straight and as short as possible – checked daily for wear or soft spots ☐

B7 Blast Couplings/Connectors
- Check gasket and components for wear, and air leaks ☐

B8 Remote Control Handle
- Check operation for fast start/stop ☐
- Deadman operating and safety latch in place ☐

B9 Blast Nozzle
- Checked routinely for air pressure and liner/thread wear or damage ☐
- Check nozzle pressure ☐
- Check nozzle size for wear ☐
- Nozzle gasket in place (where applicable) ☐

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PARTS REQUIRED

List all parts that need to be ordered to maintain a safe and efficient work site

Toll Free **1-877-725-2781**
Fax **(614) 476-6939**

OPERATOR SAFETY COMPONENTS

S1 Breathing Air Source
- Check replacement date on inlet filter ☐
- Checked and maintained on a regular basis ☐
- Located in a clean air atmosphere, upwind and away from the blast area and engine exhaust fumes ☐

S2 Breathing Air Filter
- Check replacement date on filter (3 month life) ☐
- Cartridges require regular programmed replacement ☐
- Pressure gauge in place and operating ☐
- Filters and regulates the breathing air supply ☐
- Test pressure relief valve ☐

S3 Carbon Monoxide Monitor or Converter Monitor
- Checked, tested and calibrated (calibration certificate on file) ☐
- Batteries checked ☐

S4 Breathing Air Line
- Fitted with threaded screw-type connector or approved 'Safety Type' coupling ☐
- Free from kinks, abrasion ☐

S5 Climate Control Tube
- Air temperature control within 50°F – 75°F range for operator comfort ☐

S6 Blast Helmet (Respirator)
- Inspected and maintained for wear and tear to the cape, collar, head gear and visor as per NIOSH requirements ☐
- New/clean inner and outer lens in place ☐
- Inner lens securely in place for impact protection ☐
- Helmet sanitized between operators – not over 2 years old ☐
- Supplied with minimum 6 cfm breathing quality air ☐

S7 Other Protective Clothing
- Safety footwear ☐
- Earplugs and blasters gauntlets ☐

S8 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 ☐

Risk Assessment Worksheet

BLAST ONE® Abrasives + Blasting & Coating Equipment

Company Name: _____ Date: _____

Completed by: _____ Location: _____

SITE HAZARD CHART

#	Category *(Refer to Chart below)*	Hazard	Risk Score	Controls	Risk Score

CATEGORIES

Physical	Noise, temperature, light, radiation	**Fire / Explosion**	Gas, flammable, explosion
Chemical	Hazardous substances or dangerous goods	**Electrical**	Cables, power points, data lines
Mechanical	Plant, equipment – entanglement, hit	**Ergonomic**	Man handling, posture, reach, static load
Biological	Substances – Hepatitis, HIV, virus, bacteria	**Slip/Trip/Fall**	Fall from height, same level
Psychological	Stress, violence	**Confined space**	Vessels, pits, tanks, security areas

RISK RATING CHART

LIKELIHOOD		CONSEQUENCE				
		1. Insignificant No injury or damage expected	**2. Minor** Could cause First Aid injury or minor damage	**3. Moderate** Could require medical attention and several days off work or moderate damage	**4. Major** Could cause serious long term illness or injury or major damage	**5. Catastrophic** Could kill, cause permanent disability or ill health or cause very serious damage
	E **Almost Certain** Could happen any time	H	H	E	E	E
	D **Likely** At some point in time	M	H	H	E	E
	C **Possible** Possible it might happen	L	M	H	E	E
	B **Unlikely** Not likely to happen	L	L	M	H	E
	A **Rare** Could happen, but probably never will	L	L	M	H	H

CLASS E	Extreme Risk	Immediate action required
CLASS H	High Risk	Senior management attention required
CLASS M	Moderate Risk	Management responsibility must be specified
CLASS L	Low Risk	Manage by routine procedures

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Email **sales@blast-one.com**
Web **www.blast-one.com**

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