

## BASIC WHEEL BLAST PREVENTATIVE MAINTENANCE

BLAST WHEEL ASSEMBLY			
1	Inspect Blades – replace if worn halfway through	D	
2	Inspect impeller – replace if worn <=/ on leading face	W	
3	Inspect impeller case – replace before opening increases	W	
4	Check wheel housing liners for excessive wear and alignment	W	
5	Check impeller case indicator setting for proper pattern	D	
6	Check V-belts for proper tension	W	
7	Check feed spout seal to reduce abrasive loss	D	
8	Check ammeter reading for proper abrasive flow – do not exceed full load rating of motor	D	

D = Daily / W = Weekly

SEPARATOR			
1	Clean scalping drum	D	
2	Remove tramp metal and refuse from screens under airwash section – replace or repair when worn before holes appear	D	
3	Check housing for holes – patch as required	D	
4	Check baffles and plates for wear – replace as required	M	
5	Check abrasive flow to see if uniformly spread across length of separator with machine operating	D	
6	Check line and coarse refuse pipe for usable abrasive – repair any leaks	W	
7	Check ventilation	D	

D = Daily / W = Weekly / M = Monthly

ABRASIVE HANDLING SYSTEM			
1	Check elevator belt for proper tension, bolts, and splice and true running	M	
2	Check elevator pulleys and drive for wear and alignment	M	
3	Replace worn or missing buckets and bolts	M	
4	Check screw and oscillating conveyor for wear and foreign material	W	
5	Maintain proper abrasive level in storage hoppers	D	

D = Daily / W = Weekly / M = Monthly

<b>CABINET AND WORK HANDLING</b>			
1	Check cabinet wear plates – replace before worn through	D	
2	Check work door curtains and brushes for wear and abrasive leakage	D	
3	Check floor grating – patch or repair when holes appear	M	
4	Remove scrap accumulation from floor grating to permit abrasive to drain back into system	D	

D = Daily / M = Monthly

<b>LUBRICATION</b>			
1	Follow lubrication chart in Instruction and Parts Manual	M	

M = Monthly

<b>DUST COLLECTOR</b>			
1	Inspect the casing joints for air, dust, and water leakage	W	
2	Inspect the inside of collector for dust on bags, and if blow-back or shaker mechanism is operating	M	
3	Check manometer for higher or lower than normal readings	W	
4	Empty dust hoppers	D	
5	Check dust hopper gates for air leakage	D	

D = Daily / W = Weekly / M = Monthly