

## Winter Readiness

Start review in September

Expected weather Cold, rainy, snowy, windy.

Known issues Flooding, power failures, roof leaks, wet compressed air

Use assumes all risks

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Flooding	Storm drains	clean, keep clear
	Roof gutters	clean, keep clear
	Roof and enclosure	schedule repairs
	Recirculating pumps	verify backup
	Hot wells	clean, keep clear
	Recirculating piping	clean, keep clear
	Standby pumps	verify operation
	Standby pumps	verify fuel
	Discharge hose	verify condition
	Discharge permit	verify limits
	Storm water sampling	verify requirements
	Rain gear	coats and boots
	Utility	update contact information
	Procedures	review roles and responsibilities

Power failure	Standby power	verify operational
	Standby power	verify fuel
	Electrical enclosures	clean and seal
	Onsite power lines	remove branches, obstructions
	Equipment	schedule oil and thermal testing
	Utility	confirm maintenance plans
	Utility	update contact information
	Procedures	review roles and responsibilities

Utilities	Water	protect from freezing
	Fire sprinklers	protect from freezing
	Landscape water	protect from freezing, minimize usage
	Gas	contract for additional volumes
	Electrical	contract for additional requirements
	Standby fuel	verify system and top up
	Utility	update contact information
	Procedures	review roles and responsibilities

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Health and safety	Worker health	flu shot reminder
	Pest control	traps in place and inspected
	Ice and snow	snow removal and deicer

Production	Batch and furnace	prepare for wet, icy cullet
	Batch and furnace	prepare for frozen silos
	Batch and furnace	raw material delivery delays
	Batch and furnace	expect higher melt energy
	Forming	outside shop glass conditioning issues
	Forming	cooler bottles into lehr
	Forming	speed up machines
	Cold end	cooler bottles at cold end spray
	Cold end	wet compressed air
	Warehouse	leaks and wet ware
	Distribution	leaky, wet trucks, weather delays
	Storm coverage	extended duty and call in plan

Amenities	Vents	moderate plant ventilation
	Air conditioning	off, winterized
	Doors and windows	verify they close
	Heaters	verify
	Clothing	winter work clothing, gloves

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