

Preparing for a storm checklist 2022-23

At your mine site and other types of sites	Site status
1. Have all potential severe weather emergencies been identified?	
2. Are adequate resources, facilities, and procedures in place to implement and maintain an effective management program before, during and after a storm?	
3. Has the site checked its communication and mutual assistance protocols with adjacent mines or other offsite resources?	
4. Has a clean-up been conducted to remove loose 'flying object' debris?	
5. Are there park-up areas for mobile equipment above the high-water mark? Have they been 'made ready' and communicated?	
6. Has the site prepared shutdown and tie-down procedures for conveyor belts, crib huts, temporary structures and other plant and equipment exposed to the elements? Is all necessary hardware available such as tie-downs and ropes?	
7. Have all nominated storm shelters been inspected and cleaned?	
8. Have shelters been replenished with basic supplies: first aid supplies, drinking water and communication equipment?	
9. Do all mine personnel know where the nominated shelters are?	
10. Have sumps and environmental traps (oil, grease, fuel) been cleaned out to eliminate or minimise ground contamination should the trap or sump overflow?	
11. Has the integrity of site communication and power systems been checked?	
12. Has the site's power back-up system been checked for ready operation in case of mains blackout?	
13. Is there a list of post-storm clean-up equipment, e.g., front-end loaders, bobcats, lighting plants, pumps and hoses, fuel tanks?	
14. Has the on-site emergency response equipment, including medical facilities and vehicles, been checked for readiness?	
15. Have containment dams, levies and weirs been checked to avoid accidental breaches?	
16. Have areas of potential ponding, e.g., on top of waste dumps, been identified and made to drain freely to avoid subsequent slope instability?	
17. Are effective systems, including response plans, in place to identify and warn potentially affected people of the onset of severe weather?	
18. Is there an effective system for evacuating people to a designated place of safety?	
19. Is there an efficient system for monitoring, analysing, and evaluating the onset of any severe weather and identifying the actions required?	
20. Is there an effective system for ensuring that temporary and semi-permanent relocatable structures on a site are adequately designed, sited, constructed, and anchored?	
21. Is there an effective system for ensuring tanks, conveyor belts or mobile equipment (such as cranes) that are vulnerable to the effects of strong wind are safe during severe weather?	

22. Is there an effective, adequate emergency response and rescue system in case severe weather causes injury, entrapment or damage to infrastructure?	
23. Have the procedures covering lightning strike to rubber-tyred vehicles been reiterated to all mine employees?	
24. Does the site communicate predicted storm events at the start of shift and have means of communicating further updates as a storm prediction is confirmed?	
25. Does the site planning /scheduling processes include consideration of storm/wet weather events e.g., loading and firing shots	
26. Has everyone on site, including contractors, been made aware of the site's emergency response plan, and their individual responsibilities and expected actions? <ul style="list-style-type: none"> • Developed a business continuity plan? • Clearly identified and analysed the possible risks to your business from storm damage? • Tested and updated your plan? • Developed regular maintenance and reviewed strategies for your plan? 	

Authorised by Hermann Fasching - Chief Inspector of Mineral Mines and Quarries

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