### Purpose

To aid in reducing the risk of injury or property damage due to the use of angle grinders on a vessel.

### Responsibilities

* Master – Ensure this procedure is carried out as written and to make any changes needed to this procedure to ensure the safety of the crew.
* Crew – Follow the procedure below at the direction of the vessel master.

### Procedure

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| **Step** | **Angle Grinder Use** |
| **1.** | Inspect the angle grinder for any signs of excessive wear.  |
| **2.** | Inspect the power cord for cuts or fraying.  |
| **3.** | Ensure the grinding disc you have installed on the grinder is rated for its RPM, and is tightly secured.  |
| **4.** | Put on safety glasses, a face shield as an extra layer of protection if available, and hearing protection.  |
| **5.** | Be sure that any power cables or extension cords aren’t resting in standing water.  |
| **6.** | While cutting, ensure the sparks aren’t moving in the direction of any flammable materials. Keep a fire extinguisher close by at all times. |
| **7.** | Do not use a cutting disk to grind as they are not designed to stand up to side loading. Use a thicker disc designed for grinding.  |
| **8.** | Keep an eye on any hot materials for several minutes after completing the work to ensure a fire doesn’t start. |