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| **Summary** | | | | |
| **Local area information** | | | | |
| **File reference** |  | | **Date of assessment** |  |
| **Person conducting assessment** | |  | | |
| **Telephone number** | |  | | |
| **Local area manager and or supervisor** | |  | | |
| **Specify College/Service Division/ School/Local Area/ Research Group** | |  | | |
| **Emergency contact person and Emergency contact number** | |  | | |
| **Workers consulted with** (list workers, plant operators, HSRs, WHS Committee Members etc.) | |  | | |

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| **General information** | | | | |
| **Item of plant assessed** | | |  | |
| **Product details and specifications** | | | <Include details such as product name, model number, serial number, year of manufacturer, max capacities, weight, dimensions etc etc.> | |
| **Applicable legislation** | | | <List any applicable Acts, Regulations, Codes of practice etc> | |
| **Intended use - Design and performance parameters** | | | | |
| **Intended use** |  | | | |
| **Location of use** |  | | | |
| **Appearance** (add images) |  | | | |
| **Safe working load limit** |  | | | |
| **Electrical power supply** |  | | | |
| **Operating conditions** | **Temperature range** | | | **to °C** |
| **Humidity range** | | | **to %RH** |
| **Electromagnetic fields** | | | **(upper limits)** |
| **Other** | <Include any other relevant information> | | | |
| **Construction parameters and materials** | | |  | |
| **Total equipment weight** | | |  | |
| **Construction** | | | | |
| **Constructed and tested to achieve less than** | | | | |
| **Noise level** | | **dBA** | | |
| **Vibration** | | **dB** | | |
| **Light/UV/Infrared** | |  | | |
| **Ionizing radiation levels** | | **Gy or Sv @ 1 m** | | |
| **Radio frequency electromagnetic radiation** | |  | | |
| **Other** | | <Include any other relevant specification> | | |

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| **Risk Assessment** | | | | | | | |
| **Identification** | | | | | | | |
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| Use the following to assist with identifying hazards associated with the plant, its operation and operators and any workers working within proximity to the plant. | | | | | | | |
| **Hazards**  (Check box if hazard present) | | | | | | | |
| **Entanglement** |  | **Striking** |  | **Slipping/tripping/**  **falling** |  | **Exposure to ionizing radiation** |  |
| **Crushing** |  | **Ejection of piece/s** |  | **High temperature** |  | **Exposure to EM radiation** |  |
| **Trapping** |  | **High pressure fluid/Gas** |  | **Low temperature** |  | **Exposure to ultraviolet, light, Infrared** |  |
| **Rollover** |  | **Shattering/ Fragmentation** |  | **Suffocation/**  **confined or enclosed space** |  | **Manual handling** |  |
| **Cutting** |  | **Electrical** |  | **Exposure to chemicals** |  | **Constrained posture/excessive effort** |  |
| **Stabbing/puncturing** |  | **Explosion** |  | **Exposure to dusts** |  | **Remote location** |  |
| **Shearing** |  | **Fire** |  | **Exposure to significant noise** |  | **Awkward access** |  |
| **Friction/abrasion** |  | **Vacuum collapse** |  | **Exposure to vibration** |  | **Tearing/stretching** |  |
| Other hazards present: <list any other identified hazards> | | | | | | | |
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| **Assessment** | | | | | |
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| Consider the interaction of the identified hazards, the operator/s and environment in the use of the plant to identify the likelihood and consequences of an incident occurring to determine the hazard rating. Refer to the [WHS hazard management procedure](https://policies.anu.edu.au/ppl/document/ANUP_015812) for likelihood and consequence descriptors and the [Hazard matrix](https://services.anu.edu.au/system/files/guidance/Council%20Approved%20%20-%20Risk%20Mgmt%20Online%20Guide_3.pdf) for assistance with hazard ratings. | | | | | |
| **Hazard identified** (list) | **Consequences and likelihood description.**  E.g. what could go wrong? What could be the impact? | **Current hazard rating**  [Use the [Hazard Matrix](http://prcms2.anu.edu.au:16200/cs/idcplg?IdcService=GET_FILE&allowInterrupt=1&RevisionSelectionMethod=LatestReleased&dDocName=ANUP_015817)] | **Existing hazard controls** | **Residual hazard rating**  [Use the [Hazard Matrix](http://prcms2.anu.edu.au:16200/cs/idcplg?IdcService=GET_FILE&allowInterrupt=1&RevisionSelectionMethod=LatestReleased&dDocName=ANUP_015817)] | **Additional hazard Controls**  **action plan** |
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| **If the overall residual hazard rating of the plant is determined to be >Medium (12), the operating instructions section below is to be completed.** | | | | | |
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| **Corrective action plan** |

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| **Additional controls required** | **Resources required** | **Responsible person** | **Due Date** | **Completed** |
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| **OPERATING INSTRUCTIONS\*\*** | |
| **PRECAUTIONS - Specify operational limits and conditions for the following (enter NA if not applicable)** | |
| **Noise levels:**  **Allowed - Lpeak 140 dBC ,**  **LAeq, 8 hr 85 dBA** |  |
| **Vibration:** |  |
| **Light/Ultraviolet/Infrared:** |  |
| **Ionizing radiation levels** | **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Gy or Sv @ 1 m** |
| **Radio frequency electromagnetic radiation:** |  |
| **Housing/environmental requirements:** |  |
| **Personal protective equipment requirement:** |  |
| **Storage and transport:** |  |
| **Disposal:** |  |
| **Fire/explosion hazard:** |  |
| **OPERATIONAL GUIDELINES FOR THE PLANT** | |
| **Competency of the operator, maintenance and cleaning staff** |  |
| **Service, testing and inspections required, along with the appropriate interval** |  |
| **Guards and other control measures** |  |
| **Emergency procedures** |  |
| **Registration and/or licensing of plant** |  |
| **Other Information** |  |