INTRODUCTION

Use of mechanical plant is a common activity, which has a number of associated mechanical and non-mechanical hazards and therefore carries a potential risk of serious incidents and life changing harm.

This critical risk standard has been developed to provide information to our people about the way that the risk of using mechanical plant is managed at Massey University (MU). It applies to all our people (staff, students or others) who have any involvement using mechanical equipment for Massey University business purposes.

This standard should be read as the minimum standards that apply when operating mechanical plant at Massey University or on university business. It is acceptable to add controls at a local level, beyond what is described here – however at no point may controls be removed or substituted without the express written permission of the relevant SLT member and the Director Health, Safety and Wellbeing.

CRITICAL RISK SCENARIOS

The following scenarios have been identified for this critical risk:

- Loss of control of plant leading to harm
- Loss of control of plant causing acute harm
- Exposure to non-mechanical harm

MINIMUM CONTROL REQUIREMENTS

Selection of Mechanical Plant

Massey University shall ensure that all mechanical plant shall be soundly constructed and meet or exceed relevat0ndleeaand(a)2.1 (ndI)4.5 (t0ndl)(e)9 (r)4.6 n(a)3 (t)2.7 ilo(a)3 dl stan(a)2.1 (r)4.6 dns] TJ

Working with Mechanical Equipment

Massey University must ensure there is a process in place to check mechanical plant is in a safe condition to use. The process shall cover the management of any defective equipment.

Any person who is aware of a medical condition or any other condition (i.e. fatigue) that may affect their health and safety while working with any mechanical plant or equipment must disclose the medical condition before starting work.

Operator Training and Supervision

Training

Massey University shall ensure that there is a system in place that identifies who has been trained to operate mechanical plant used for Massey University purposes and the individual competency levels attained.

Individuals operating mechanical equipment shall be inducted to the work

Cleaning, Maintenance, or Repair of Machinery

Prior to undertaking cleaning, maintenance or repair work where any part of the machinery, including any extensions or attachment must be secured against movement, including inadvertent movement and every control device has been secured as inoperable in accordance to the Massey University Isolation Lock Out Tag Out (LOTO) Procedure.

- A procedure should be established for carrying out of the cleaning, maintenance, or repair in a safe manner; and
- Only individuals who are competent or who are under the direct supervision of a competent person shall carry out the cleaning, maintenance, or repair work.
- Where it is essential that a part of the machinery remains moving, only that part shall be set in motion; The [illegible]