

# Hazard Register



<b>Type</b>	FRONT DECK MOWER	<b>Location</b>	-
<b>Make</b>	KUBOTA	<b>Sale Number</b>	7040589
<b>Model</b>	F3690	<b>Lot Number</b>	0002
<b>Serial Number</b>		<b>Vendor</b>	115387-163

ID	Hazard Type	Hazard Description
132130.1	Mechanical	ENTANGLEMENT/STRIKING BY WORKPIECES EJECTING FROM MOVING PARTS OF THE PLANT. THE DRIVE TO THE PLANT MUST BE STOPPED /DISCONNECTED AND MOVING PARTS OF THE PLANT STOPPED BEFORE MAINTENANCE AND REMOVING ANY OBSTRUCTIONS NEAR THE PLANT. DO NOT OPERATE IN THE VICINITY OF OTHER PEOPLE. IF THIS IS NOT POSSIBLE SUPPLY PPE TO THOSE PEOPLE TO PREVENT INJURY FROM STRIKING OBJECTS. ENSURE A SEAT PRESSURE SWITCH IS PRESENT ON THIS PLANT.
132130.2	Plant Operation	DEVELOP AND CONDUCT DOCUMENTED PRE-OPERATIONAL CHECKS PRIOR TO EACH USE.
132130.3	warning device	COLLISION. ENSURE BOTH AUDIBLE AND VISUAL WARNING DEVICES ON PLANT. ENSURE THAT ALL WARNING DEVICES ARE FUNCTIONING PRIOR TO USE IN THE WORKPLACE.
132130.4	Work Method	CONDUCT SAFE WORK METHOD STATEMENTS FOR TASKS ASSOCIATED WITH REMOVAL, TRANSPORT AND RE-INSTALLATION OF PLANT AS REQUIRED BY WORKPLACE HEALTH AND SAFETY REGULATIONS AND CODES OF PRACTICE.
132130.5	Rollover	THERE IS A ROLLOVER PROTECTIVE SYSTEM ON THIS PLANT. DO NOT OPERATE PLANT ON UNEVEN OR SLOPED GROUND WHICH MAY POSE A RISK OF MOWER ROLL OVER (OVER 5 DEGREES) .
132130.6	Noise	SOUND PRESSURE LEVELS (SPL) NEEDS TESTING AT OPERATOR STATION. IF SPL GREATER THAN 85 dB(A 8hr) OR 140 dB(C PEAK), CLEAR AND VISIBLE WARNINGS MUST BE ATTACHED RE: USE OF HEARING PROTECTION, EXAMINE WAYS TO REDUCE EMISSIONS FROM THE PLANT AND ATTACH CLEAR AND VISIBLE WARNING SIGN RE: HEARING PROTECTION.
132130.7	Plant Operation	TO PREVENT COLLISION WITH PEDESTRIANS/BY STANDERS AND WHEN WORKING NEAR PUBLIC ROADS AND ACCESS WAYS, POST WARNING SIGNS AND PLACE BARRIERS ETC AROUND WORKING AREA.
132130.8	Thermal Conditions	EXPOSURE TO OUTDOOR CLIMATE/WEATHER CONDITIONS. PROVIDE PERSONAL PROTECTIVE EQUIPMENT FOR WET, UV EXPOSURE, HOT OR COLD CONDITIONS.
132130.9	Process Manual	SUPPLY (IF AVAILABLE) MANUFACTURER'S OPERATING (INCLUDING PRE-OPERATIONAL CHECKS AND PERSONAL PROTECTIVE EQUIPMENT REQUIREMENTS) FOR THE OPERATOR.
132130.10	Plant Operation	ENSURE THE SEAT IS FIRMLY SECURED PRIOR TO USE. ENSURE THAT THE PLANT IS PROVIDED WITH A SEAT BELT IN CASE OF ROLLOVER.
132130.11	Plant Operation	COLLISIONS WITH OTHER FIXED/MOBILE OBJECTS. PREPARE SAFE WORK PROCEDURES FOR USE IN AN ENVIRONMENT THAT MAY POSE A RISK OF COLLISION. USE ALL WARNING SYSTEMS FITTED TO THE PLANT (IE HORN, ROTATING HAZARD LIGHT)).
132130.12	Chemicals	OBTAIN MSDS AND CONDUCT AND DOCUMENT HAZARDOUS SUBSTANCE RISK ASSESSMENT FOR ALL CHEMICALS USED WITH THE PLANT (E.G. DIESEL, OILS ETC)
132130.13	Air Quality	EXHAUST EMISSION (CARBON MONOXIDE) MAY BE HARMFUL. ENSURE THE PLANT IS OPERATED IN A WELL VENTILATED AREA.
132130.14	Guarding	ENTANGLEMENT. THERE IS GUARDING OVER MAIN DECK DRIVES AND SHAFT DRIVE. ENSURE GUARDING IMPLEMENTED

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		OVER THE DRIVES AS PER AS4024.1 SAFE GUARDING OF MACHINERY PRIOR TO USE IN THE WORKPLACE.
132130.15	SAFETY SIGNAGE	ENSURE SAFETY AND INSTRUCTIONAL SIGNAGE EASILY READ FOR CORRECT OPERATION. INCLUDE ENTANGLEMENT WARNING LABEL NEAR DECK DRIVE SHAFT. THERE ARE MANUFACTURERS SAFETY SIGNAGE IN THE CABIN OF THE PLANT (ENTANGLEMENT, HAND CUT). IF SIGNS ON THE MOWING DECK ARE STARTING TO WEAR REPLACE THEM.
132130.16	Work Space	SLIP/TRIP/FALL DUE TO CLIMATE CONDITIONS. WIPE CLEAR (BEFORE USING THE PLANT) IF THERE IS ANY MUD, OIL OR OTHER OBSTRUCTIONS ON THE PLANT. NON SLIP MATERIAL MATERIAL PRESENT ON THE FLOOR OF THE CAB.
132130.17	Thermal Conditions	EXPLOSION/FIRE FROM ENGINE, SHUT OFF ENGINE AND LEAVE TO COOL BEFORE REFUELLING, PROVIDE FIRST AID KIT AND FIRE EXTINGUISHER FOR THE PLANT
132130.18	Plant Structure	SEEK TECHNICAL ADVISE FROM THE MANUFACTURER BEFORE CARRYING OUT ANY MODIFICATION TO THE MOWER (E.G. ADJUSTMENT TO WHEEL/RIDE HEIGHT, ETC).
132130.19	Mechanical	DO NOT STEP ON OR OFF MOVING PLANT, ONLY OPERATE FROM DRIVING POSITION.
132130.20	PPE	PROVIDE INFORMATION/ INSTRUCTION ON STORAGE, USE CARE AND MAINTENANCE OF PERSONAL PROTECTIVE EQUIPMENT.
132130.21	Plant Operation	MOWER TO BE OPERATED BY COMPETENT OPERATORS ONLY.
132130.22	High Pressure Fluid	ENSURE THAT THE HYDRAULIC HOSES AND FITTINGS ARE REGULARLY CHECKED FOR DAMAGE.

## Health and Safety Plant Safety Purchaser Information

This plant health and safety information has been prepared by Grays for the purchaser of the plant item as required by National WHS Legislation. Whilst every effort has been made to identify all of the hazards, it should be recognised that all reasonably practicable hazards have been identified given due consideration to:

- state of knowledge about the plant item
- the availability and suitability of ways to eliminate or control the hazards
- the cost of evaluating, eliminating or controlling the hazard

Consequently, if this plant item is being purchased for use at a place of work, the purchaser is reminded of their obligations to involve and consult with employees in identifying foreseeable hazards, assess their risks and to take action to eliminate or control the risks.

In order to assess the risk, it is necessary to consider for all the identified hazards, the chance (likelihood) of something happening that would impact (consequence) on health and safety at the workplace. The following guidelines are provided to assist the purchaser in consistently carrying out an assessment of risk:

Likelihood	Consequences
<ul style="list-style-type: none"><li>• Frequency and duration of exposure</li><li>• Probability of occurrence of hazard or event (including part history of incidents)</li><li>• Possibility to avoid / minimize or limit the damage, impact or harm</li><li>• Reliability and effectiveness of existing / established systems of control</li></ul>	<ul style="list-style-type: none"><li>• Assume “worst case” injury, but also competent follow-up medical and rehabilitation support</li><li>• Consider forces or energy levels, highest belt tensions, size of gears, pulleys or other entrapment points and therefore body parts likely to be injured</li><li>• Consider sharpness of entrapment points, surrounding parts likely to exacerbate injury, and any give in the entrapment point</li><li>• Consider, will entrapment continue until plant is stopped, or can an injured part travel through the entrapment area</li><li>• Are temperatures of plant, or chemicals, likely to further injure entrapped person</li></ul>

The outcome of the risk assessment will be a prioritised list of risk control strategies and actions consistent with the following ratings:

Low risk- may be considered acceptable, where the existing controls in place are seen to be effective, requiring periodic monitoring for effectiveness.

Medium risk- considered to be unacceptable and requiring additional risk controls within medium to long term.

High risk – considered to be unacceptable and requiring action within the short to medium term.

Extreme risk – unacceptable, where immediate action required.

In all of these cases employees/operators must be made aware of the risk controls in place to protect them from the hazards.